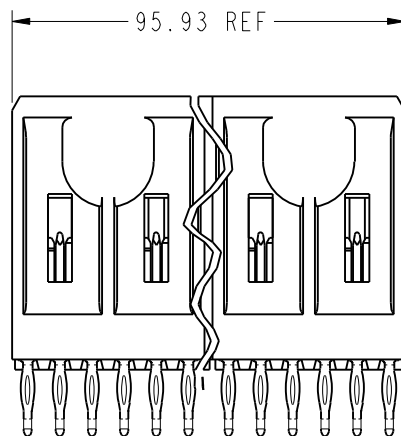
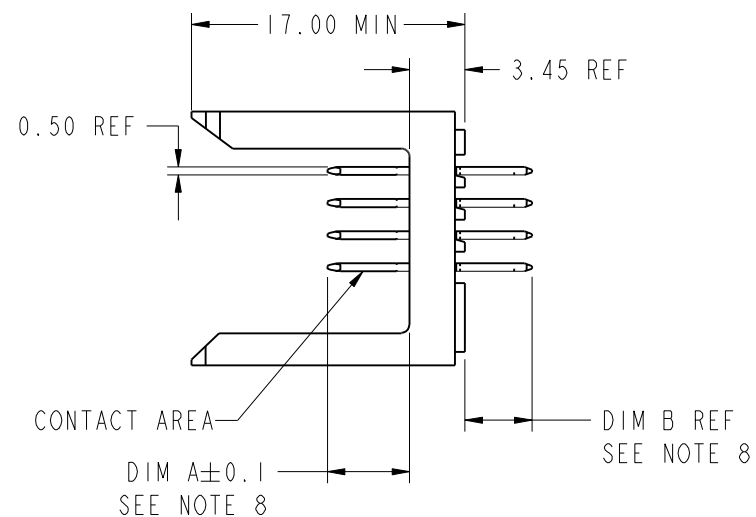
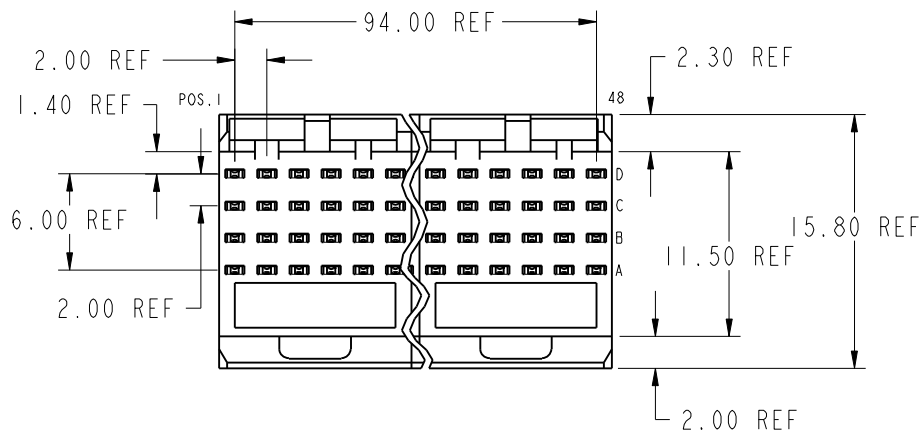




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PRODUCT NUMBER  
SEE TABLE



|                                       |            |       |               |             |                |                        |           |                        |       |               |
|---------------------------------------|------------|-------|---------------|-------------|----------------|------------------------|-----------|------------------------|-------|---------------|
| spec ref                              | *          | dr    | Terran Huang  | 2010/07/08  | projection     | mm                     | size      | A4                     | scale | 2:1           |
| tolerance std                         | ASME Y14.5 | eng   | Michael Song  | 2014/12/02  |                |                        | ecn no    | ELX-DG-19567-1         |       |               |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |            | chr   | Tian-Zhao Lin | 2014/12/03  |                |                        | rel level | Released               |       |               |
| surface                               | ✓          | appr  | Collins Lu    | 2014/12/03  | product family | METRAL                 | rev       | 88924                  |       | AV            |
| ASME Y14.5                            | linear     | 0.X   | ±0.3          |             |                | title                  |           | METRAL SIGNAL HEADER   |       | cat. no.      |
|                                       | angular    | 0.XX  | ±0.13         |             |                |                        |           |                        |       |               |
|                                       |            | 0.XXX | ±.051         | www.fci.com |                | 8 MOD, 4 ROW PRESS-FIT |           | Product - Customer Drw |       | sheet 1 of 14 |
|                                       |            | 0°    | ±2°           |             |                |                        |           |                        |       |               |

Print File - REV C - 2009-06-09

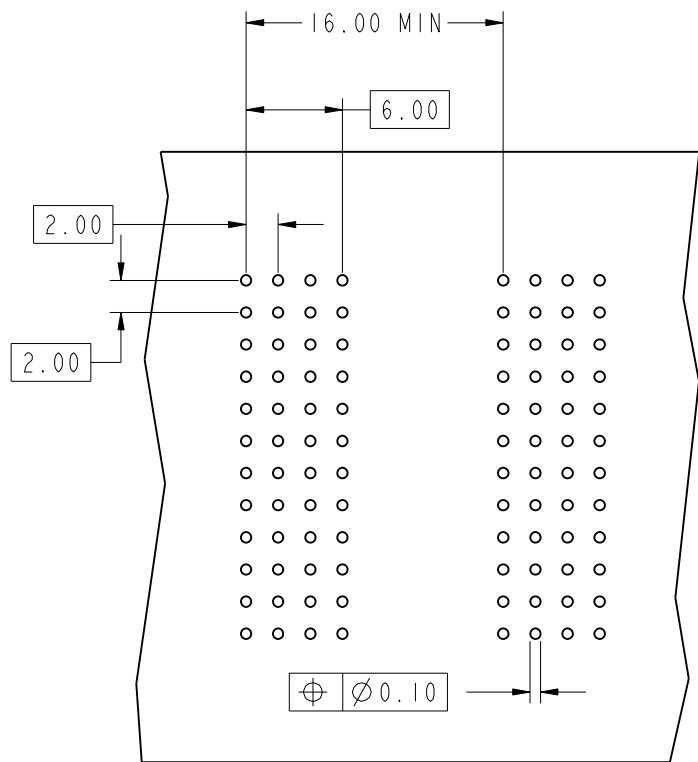
PDS: Rev :AV

STATUS:Released

Printed: Dec 15, 2014

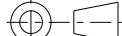


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| KEY  |              |              |
|------|--------------|--------------|
| CODE | DIMENSIONS   |              |
|      | DIM "A" MATE | DIM "B" TAIL |
| 1    | 5.00         | 4.30         |
| 2    | 5.75         | 4.30         |
| 3    | 6.50         | 4.30         |
| 4    | 7.25         | 4.30         |
| 5    | 5.00         | 13.60        |
| 6    | 5.75         | 13.60        |
| 7    | 6.50         | 13.60        |
| 13   | 8.25         | 4.30         |
| 14   | 8.25         | 13.60        |
| 19   | 8.00         | 4.30         |
| 20   | 8.00         | 13.60        |
| 22   | 5.00         | 12.10        |
| 23   | 8.00         | 17.70        |
| 25   | 5.75         | 15.60        |
| 40   | 5.00         | 15.60        |

REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE  
SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

|                             |                                       |      |       |                                                                                     |                                                         |                                                                                                     |                                                                                             |                       |            |
|-----------------------------|---------------------------------------|------|-------|-------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------|------------|
| spec ref *                  |                                       |      |       | dr Terran Huang 2010/07/08                                                          |                                                         | projection<br> | mm<br> | size A4               | scale 2:1  |
| tolerance std<br>ASME Y14.5 | TOLERANCES UNLESS OTHERWISE SPECIFIED |      |       | eng Michael Song 2014/12/02                                                         |                                                         |                                                                                                     |                                                                                             | ecn no ELX-DG-19567-1 |            |
|                             |                                       |      |       | chr Tian-Zhao Lin 2014/12/03                                                        |                                                         |                                                                                                     |                                                                                             | rel level Released    |            |
|                             |                                       |      |       | appr Collins Lu 2014/12/03                                                          |                                                         |                                                                                                     |                                                                                             | product family METRAL |            |
| surface ✓<br>ASME Y14.5     | linear                                | 0.X  | ±0.3  |  | title<br>METRAL SIGNAL HEADER<br>8 MOD, 4 ROW PRESS-FIT | dwg no<br>88924                                                                                     | rev<br>AV                                                                                   |                       |            |
|                             |                                       | 0.XX | ±0.13 |                                                                                     |                                                         |                                                                                                     |                                                                                             |                       |            |
|                             | angular                               | 0°   | ±2°   |                                                                                     |                                                         |                                                                                                     |                                                                                             | www.fci.com           | cat. no. * |

Print File - REV C - 2009-06-09



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| PRODUCT NUMBER | DESCRIPTION | PLATING IN PRESS FIT<br>TAIL AREA | PERFORMANCE LEVEL OF PLATING<br>IN CONTACT AREA   |
|----------------|-------------|-----------------------------------|---------------------------------------------------|
| 88924-NIYY     | STANDARD    | TIN LEAD                          | TELCORDIA CO (NXT)                                |
| 88924-N5YY     | STANDARD    | TIN LEAD                          | TELCORDIA UE (NXT)                                |
| 88924-IYY      | STANDARD    | TIN LEAD                          | TELCORDIA CO                                      |
| 88924-2YY      | STANDARD    | TIN LEAD                          | TELECOM CLASS                                     |
| 88924-3YY      | STANDARD    | TIN LEAD                          | IEC CLASS I                                       |
| 88924-5YY      | STANDARD    | TIN LEAD                          | TELCORDIA UE                                      |
| 88924-NIYYLF   | LEAD FREE   | TIN                               | TELCORDIA CO (NXT),IEC CLASS I,SEE NOTES 9 AND 10 |
| 88924-N5YYLF   | LEAD FREE   | TIN                               | TELCORDIA UE (NXT) SEE NOTES 9 AND 10             |
| 88924-IYYLF    | LEAD FREE   | TIN                               | TELCORDIA CO ,IEC CLASS I,SEE NOTES 9 AND 10      |
| 88924-2YYLF    | LEAD FREE   | TIN                               | TELECOM CLASS,SEE NOTES 9 AND 10                  |
| 88924-5YYLF    | LEAD FREE   | TIN                               | TELECORDIA UE ,SEE NOTES 9 AND 10                 |

NOTES:

- FOR DIM A, AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS. FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL: PHOSPHOR BRONZE.
- PLATING ON PRESS-FIT AREA:SEE PRODUCT NUMBER TABLE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.
- PRODUCT MARKING:  
PART NUMBER DESIGNATION & BATCH I.D.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXXP OR XXXXX-XXXXPLF
- PRODUCT SPECIFICATION: GS-12-180  
APPLICATION SPECIFICATION: BUS-20-073

- ⑧ AFTER INSERTION INTO BOARD WITH QUALIFIED TOOLING.
- ⑨ THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
- ⑩ ALL THE PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 88924-NI---OR 88924-N5---WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION,INFRA-RED OR VAPOR PHASE REFLOW OVEN.PART NUMBERS 88924-NI---AND 88924-N5--- WILL NOT WITHSTAND REFLOW AND THE Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

|                             |                                       |                   |       |             |                            |                        |        |                       |                    |
|-----------------------------|---------------------------------------|-------------------|-------|-------------|----------------------------|------------------------|--------|-----------------------|--------------------|
| spec ref *                  |                                       | dr Terran Huang   |       | 2010/07/08  |                            | projection<br>         | mm<br> | size A4               | scale 1:1          |
| tolerance std<br>ASME Y14.5 | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng Michael Song  |       | 2014/12/02  |                            |                        |        | ecn no ELX-DG-19567-1 | rel level Released |
|                             |                                       | chr Tian-Zhao Lin |       | 2014/12/03  |                            |                        |        |                       |                    |
|                             |                                       | appr Collins Lu   |       | 2014/12/03  |                            | product family METRAL  |        |                       |                    |
| surface                     | linear                                | 0.X               | ±0.3  |             | title METRAL SIGNAL HEADER | dwg no 88924           | rev AV |                       |                    |
|                             |                                       | 0.XX              | ±0.13 |             |                            |                        |        |                       |                    |
|                             |                                       | 0.XXX             | ±.051 |             |                            |                        |        |                       |                    |
| ASME Y14.5                  | angular                               | 0°                | ±2°   | www.fci.com | cat. no.                   | Product - Customer Drw |        | sheet 3 of 14         |                    |



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A

B

C

D

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 88924-X01<br>AND<br>88924-X01LF | D   | -                      | 2 | - | 2 | - | 2      | - | 2 | - | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -  | 2  | -  | 2  | -  | 2  | -  | 2  |
|                                 | C   | -                      | 2 | - | 2 | - | 2      | - | 2 | - | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -  | 2  | -  | 2  | -  | 2  | -  | 2  |
|                                 | B   | -                      | 2 | - | 2 | - | 2      | - | 2 | - | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -  | 2  | -  | 2  | -  | 2  | -  | 2  |
|                                 | A   | -                      | 2 | - | 2 | - | 2      | - | 2 | - | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -  | 2  | -  | 2  | -  | 2  | -  | 2  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 88924-X02<br>AND<br>88924-X02LF | D   | -                      | 6 | - | 6 | - | 6      | - | 6 | - | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -  | 6  | -  | 6  | -  | 6  | -  | 6  |
|                                 | C   | -                      | 6 | - | 6 | - | 6      | - | 6 | - | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -  | 6  | -  | 6  | -  | 6  | -  | 6  |
|                                 | B   | -                      | 6 | - | 6 | - | 6      | - | 6 | - | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -  | 6  | -  | 6  | -  | 6  | -  | 6  |
|                                 | A   | -                      | 6 | - | 6 | - | 6      | - | 6 | - | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -  | 6  | -  | 6  | -  | 6  | -  | 6  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |   |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|---|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |   |
| 88924-X03<br>AND<br>88924-X03LF | D   | 3                      |   |   |   |   |        |   |   |   |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |    |    |    |    |    |    |    | 3  |   |
|                                 | C   | 3                      |   |   |   |   |        |   |   |   |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |    |    |    |    |    |    |    |    | 3 |
|                                 | B   | 3                      |   |   |   |   |        |   |   |   |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |    |    |    |    |    |    |    |    | 3 |
|                                 | A   | 3                      |   |   |   |   |        |   |   |   |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |    |    |    |    |    |    |    |    | 3 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 88924-X04<br>AND<br>88924-X04LF | D   | 19                     | 19 | 19 | 19 | 19 | 19     | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |
|                                 | C   | 19                     | 19 | 19 | 19 | 19 | 19     | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |
|                                 | B   | 19                     | 19 | 19 | 19 | 19 | 19     | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |
|                                 | A   | 19                     | 19 | 19 | 19 | 19 | 19     | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |    |    | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|----|----|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4  | 5  | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |
| 88924-X05<br>AND<br>88924-X05LF | D   | 4                      | 1 | 9 | 19 | 19 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 4  |
|                                 | C   | 4                      | 1 | 9 | 19 | 19 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 4  |
|                                 | B   | 4                      | 1 | 9 | 19 | 19 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 19     | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 4  |    |
|                                 | A   | 1                      | 1 | 9 | 19 | 19 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 1  |

|               |            |        |              |             |                |               |                        |                      |                |         |
|---------------|------------|--------|--------------|-------------|----------------|---------------|------------------------|----------------------|----------------|---------|
| spec ref      | *          | dr     | Terran Huang | 2010/07/08  | projection     |               | size                   | A4                   | scale          | 1:1     |
| tolerance std | ASME Y14.5 | eng    | Michael Song | 2014/12/02  | chr            | Tian-Zhao Lin | 2014/12/03             | ecn no               | ELX-DG-19567-1 |         |
|               |            | appr   | Collins Lu   | 2014/12/03  | product family | METRAL        |                        | rel level            | Released       |         |
| surface       | ✓          | linear | 0.X          | ±0.3        | FCI            | title         |                        | METRAL SIGNAL HEADER | dwg no         | 88924   |
|               |            |        | 0.XX         | ±0.13       |                |               |                        |                      |                |         |
|               |            |        | 0.XXX        | ±.051       |                |               |                        |                      |                |         |
| ASME Y14.5    | angular    | 0°     | ±2°          | www.fci.com | cat. no.       | *             | Product - Customer Drw |                      | sheet          | 4 of 14 |



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|               |               |                        |        |                                       |        |              |        |              |        |            |        |                        |        |                      |        |            |    |        |    |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------|---------------|------------------------|--------|---------------------------------------|--------|--------------|--------|--------------|--------|------------|--------|------------------------|--------|----------------------|--------|------------|----|--------|----|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| A             | METRAL<br>P/N | CONTACT CODE<br>MOD. 1 | MOD. 2 |                                       | MOD. 3 |              | MOD. 4 |              | MOD. 5 |            | MOD. 6 |                        | MOD. 7 |                      | MOD. 8 |            |    |        |    |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|               | ROW           | 1                      | 2      | 3                                     | 4      | 5            | 6      | 7            | 8      | 9          | 10     | 11                     | 12     | 13                   | 14     | 15         | 16 | 17     | 18 | 19             | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |    |
|               | D             | 3                      | 2      | 2                                     | 2      | 3            | 3      | 3            | 3      | 2          | 2      | 2                      | 3      | 3                    | 2      | 2          | 3  | 3      | 1  | 1              | 1  | 1  | 3  | 3  | 1  | 1  | 1  | 3  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3  |    |    |    |
|               | C             | 3                      | 2      | 2                                     | 2      | 3            | 3      | 3            | 3      | 2          | 2      | 2                      | 3      | 3                    | 2      | 2          | 3  | 3      | 1  | 1              | 1  | 1  | 3  | 1  | 1  | 3  | 1  | 1  | 3  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3  |    |    |
|               | B             | 3                      | 2      | 2                                     | 2      | 3            | 3      | 3            | 3      | 2          | 2      | 2                      | 3      | 3                    | 2      | 2          | 3  | 3      | 1  | 1              | 1  | 1  | 3  | 1  | 1  | 3  | 1  | 1  | 3  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3  |    |    |
| A             | 3             | 2                      | 2      | 2                                     | 3      | 3            | 3      | 3            | 2      | 2          | 2      | 3                      | 3      | 2                    | 2      | 3          | 3  | 1      | 1  | 1              | 1  | 3  | 1  | 3  | 1  | 3  | 1  | 3  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3  |    |    |    |
| B             | METRAL<br>P/N | CONTACT CODE<br>MOD. 1 | MOD. 2 |                                       | MOD. 3 |              | MOD. 4 |              | MOD. 5 |            | MOD. 6 |                        | MOD. 7 |                      | MOD. 8 |            |    |        |    |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|               | ROW           | 1                      | 2      | 3                                     | 4      | 5            | 6      | 7            | 8      | 9          | 10     | 11                     | 12     | 13                   | 14     | 15         | 16 | 17     | 18 | 19             | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |    |
|               | D             | 3                      | 4      | 3                                     | 3      | 3            | 3      | 3            | 3      | 3          | 3      | 3                      | 3      | 3                    | 3      | 3          | 3  | 3      | 3  | 3              | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 4  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |    |
|               | C             | 3                      | 4      | 3                                     | 3      | 3            | 3      | 3            | 3      | 3          | 3      | 3                      | 3      | 3                    | 3      | 3          | 3  | 3      | 3  | 3              | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 4  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |    |
|               | B             | 3                      | 4      | 3                                     | 3      | 3            | 3      | 3            | 3      | 3          | 3      | 3                      | 3      | 3                    | 3      | 3          | 3  | 3      | 3  | 3              | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 4  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |    |
| A             | 3             | 4                      | 3      | 3                                     | 3      | 3            | 3      | 3            | 3      | 3          | 3      | 3                      | 3      | 3                    | 3      | 3          | 3  | 3      | 3  | 3              | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 4  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |    |    |
| C             | METRAL<br>P/N | CONTACT CODE<br>MOD. 1 | MOD. 2 |                                       | MOD. 3 |              | MOD. 4 |              | MOD. 5 |            | MOD. 6 |                        | MOD. 7 |                      | MOD. 8 |            |    |        |    |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|               | ROW           | 1                      | 2      | 3                                     | 4      | 5            | 6      | 7            | 8      | 9          | 10     | 11                     | 12     | 13                   | 14     | 15         | 16 | 17     | 18 | 19             | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |    |
|               | D             | 3                      | 3      | 3                                     | 3      | 3            | 3      | 3            | 3      | 3          | 3      | 3                      | 3      | 3                    | 3      | 3          | 3  | 3      | 3  | 3              | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |
|               | C             | 3                      | 3      | 3                                     | 3      | 3            | 3      | 3            | 3      | 3          | 3      | 3                      | 3      | 3                    | 3      | 3          | 3  | 3      | 3  | 3              | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |
|               | B             | 3                      | 3      | 3                                     | 3      | 3            | 3      | 3            | 3      | 3          | 3      | 3                      | 3      | 3                    | 3      | 3          | 3  | 3      | 3  | 3              | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |
| A             | 3             | 3                      | 3      | 3                                     | 3      | 3            | 3      | 3            | 3      | 3          | 3      | 3                      | 3      | 3                    | 3      | 3          | 3  | 3      | 3  | 3              | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |    |
| D             | METRAL<br>P/N | CONTACT CODE<br>MOD. 1 | MOD. 2 |                                       | MOD. 3 |              | MOD. 4 |              | MOD. 5 |            | MOD. 6 |                        | MOD. 7 |                      | MOD. 8 |            |    |        |    |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|               | ROW           | 1                      | 2      | 3                                     | 4      | 5            | 6      | 7            | 8      | 9          | 10     | 11                     | 12     | 13                   | 14     | 15         | 16 | 17     | 18 | 19             | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |    |
|               | D             | 3                      | 1      | 1                                     | 1      | 1            | 1      | 1            | 1      | 1          | 1      | 1                      | 1      | 1                    | 1      | 1          | 1  | 1      | 1  | 1              | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3  |    |    |
|               | C             | 3                      | 1      | 1                                     | 1      | 1            | 1      | 1            | 1      | 1          | 1      | 1                      | 1      | 1                    | 1      | 1          | 1  | 1      | 1  | 1              | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3  |    |    |
|               | B             | 3                      | 1      | 1                                     | 1      | 1            | 1      | 1            | 1      | 1          | 1      | 1                      | 1      | 1                    | 1      | 1          | 1  | 1      | 1  | 1              | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3  |    |    |
| A             | 3             | 1                      | 1      | 1                                     | 1      | 1            | 1      | 1            | 1      | 1          | 1      | 1                      | 1      | 1                    | 1      | 1          | 1  | 1      | 1  | 1              | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3  |    |    |    |
| D             | METRAL<br>P/N | CONTACT CODE<br>MOD. 1 | MOD. 2 |                                       | MOD. 3 |              | MOD. 4 |              | MOD. 5 |            | MOD. 6 |                        | MOD. 7 |                      | MOD. 8 |            |    |        |    |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|               | ROW           | 1                      | 2      | 3                                     | 4      | 5            | 6      | 7            | 8      | 9          | 10     | 11                     | 12     | 13                   | 14     | 15         | 16 | 17     | 18 | 19             | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |    |
|               | D             | 1                      | 1      | 1                                     | 1      | 1            | 1      | 1            | 1      | 1          | 1      | 1                      | 1      | 1                    | 1      | 1          | 1  | 1      | 1  | 1              | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 19 | 19 | 19 |
|               | C             | 1                      | 1      | 1                                     | 1      | 1            | 1      | 1            | 1      | 1          | 1      | 1                      | 1      | 1                    | 1      | 1          | 1  | 1      | 1  | 1              | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 19 | 19 | 19 |
|               | B             | 1                      | 1      | 1                                     | 1      | 1            | 1      | 1            | 1      | 1          | 1      | 1                      | 1      | 1                    | 1      | 1          | 1  | 1      | 1  | 1              | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 19 | 19 | 19 |
| A             | 1             | 1                      | 1      | 1                                     | 1      | 1            | 1      | 1            | 1      | 1          | 1      | 1                      | 1      | 1                    | 1      | 1          | 1  | 1      | 1  | 1              | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 19 | 19 | 19 |    |
| spec ref      |               | *                      |        | dr                                    |        | Terran Huang |        | 2010/07/08   |        | projection |        |                        |        | size                 |        | A4         |    | scale  |    | 1:1            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| tolerance std |               | ASME Y14.5             |        | TOLERANCES UNLESS OTHERWISE SPECIFIED |        | eng          |        | Michael Song |        | 2014/12/02 |        | chr                    |        | Tian-Zhao Lin        |        | 2014/12/03 |    | ecn no |    | ELX-DG-19567-1 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| surface       |               | ✓                      |        | linear                                |        | 0.X          |        | ±0.3         |        | FCI        |        | title                  |        | METRAL SIGNAL HEADER |        | dwg no     |    | 88924  |    | rev            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ASME Y14.5    |               | angular                |        | 0°                                    |        | ±2°          |        | www.fci.com  |        | cat. no.   |        | Product - Customer Drw |        | sheet 5 of 14        |        |            |    |        |    |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

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A

B

C

D

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |
| 88924-X16<br>AND<br>88924-X16LF | D   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  | 4      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 4  | 4  | 4  | 4  | 4  | 4  |    |
|                                 | C   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  |    |    |
|                                 | B   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  |    |    |
|                                 | A   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  | 4      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 4  | 4  | 4  | 4  | 4  | 4  |    |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |
| 88924-X17<br>AND<br>88924-X17LF | D   | 4                      | 19 | 19 | 19 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 19     | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 4  |    |
|                                 | C   | 4                      | 19 | 19 | 19 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 1      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 19     | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 4  |    |
|                                 | B   | 4                      | 19 | 19 | 19 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 1      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 19     | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 4  |    |
|                                 | A   | 1                      | 2  | 2  | 2  | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 1      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 1  |    |    |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |
| 88924-X18<br>AND<br>88924-X18LF | D   | 4                      | 19 | 19 | 19 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 4  |    |    |
|                                 | C   | 4                      | 19 | 19 | 19 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | -  | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 4  |    |    |
|                                 | B   | 4                      | 19 | 19 | 19 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 | 4  |    |    |    |
|                                 | A   | 1                      | 2  | 2  | 2  | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 1  |    |    |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |
| 88924-X19<br>AND<br>88924-X19LF | D   | -                      | 2 | - | 2 | - | 2      | - | 2 | - | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -  | 2  | -  | 2  | -  | 2  |
|                                 | C   | -                      | - | - | - | - | -      | - | - | - | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -  | -  | -  | -  | -  |    |
|                                 | B   | -                      | - | - | - | - | -      | - | - | - | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -  | -  | -  | -  | -  |    |
|                                 | A   | -                      | 2 | - | 2 | - | 2      | - | 2 | - | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -      | 2  | -  | 2  | -  | 2      | -  | 2  | -  | 2  | -  | 2  | -  | 2  | -  | 2  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |
| 88924-X20<br>AND<br>88924-X20LF | D   | -                      | 6 | - | 6 | - | 6      | - | 6 | - | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -  | 6  | -  | 6  | -  | 6  |
|                                 | C   | -                      | - | - | - | - | -      | - | - | - | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -  | -  | -  | -  | -  |    |
|                                 | B   | -                      | - | - | - | - | -      | - | - | - | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -      | -  | -  | -  | -  | -  | -  | -  | -  | -  |    |
|                                 | A   | -                      | 6 | - | 6 | - | 6      | - | 6 | - | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -      | 6  | -  | 6  | -  | 6      | -  | 6  | -  | 6  | -  | 6  | -  | 6  | -  | 6  |

|                                 |                                       |                                   |        |                       |          |                      |                        |                                       |               |
|---------------------------------|---------------------------------------|-----------------------------------|--------|-----------------------|----------|----------------------|------------------------|---------------------------------------|---------------|
| spec ref *                      |                                       | dr <a href="#">Terran Huang</a>   |        | 2010/07/08            |          |                      |                        | size A4                               | scale 1:1     |
| tolerance std<br>ASME Y14.5     | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng <a href="#">Michael Song</a>  |        | 2014/12/02            |          |                      |                        | ecn no <a href="#">ELX-DG-19567-1</a> |               |
|                                 |                                       | chr <a href="#">Tian-Zhao Lin</a> |        | 2014/12/03            |          |                      |                        | rel level <b>Released</b>             |               |
| appr <a href="#">Collins Lu</a> |                                       | 2014/12/03                        |        | product family METRAL |          |                      |                        |                                       |               |
| surface                         | linear                                | 0.X                               | ±0.3   |                       | title    | METRAL SIGNAL HEADER | dwg no                 | 88924                                 | rev           |
|                                 |                                       | 0.XX                              | ±0.13  |                       |          |                      |                        |                                       |               |
|                                 |                                       | 0.XXX                             | ±0.051 |                       |          |                      |                        |                                       |               |
| ASME Y14.5                      | angular                               | 0°                                | ±2°    | www.fci.com           | cat. no. | *                    | Product - Customer Drw |                                       | sheet 7 of 14 |



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| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 88924-X21<br>AND<br>88924-X21LF | D   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
|                                 | C   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
|                                 | B   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
|                                 | A   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 88924-X22<br>AND<br>88924-X22LF | D   | I                      | I | I | I | I | I      | I | I | I | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |
|                                 | C   | I                      | I | I | I | I | I      | I | I | I | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |
|                                 | B   | I                      | I | I | I | I | I      | I | I | I | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |
|                                 | A   | I                      | I | I | I | I | I      | I | I | I | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |    |    |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7  | 8  | 9  | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 |
| 88924-X23<br>AND<br>88924-X23LF | D   | 2                      | 2 | 2 | 2 | 2 | 19     | 19 | 19 | 19 | 19 | 19 | 19     | 2  | 2  | 2  | 2  | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 19 | 19 | 19 | 19 | 19 | 19     | 19 | 2  | 2  | 2  | 2  |
|                                 | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  |
|                                 | B   | 2                      | 2 | 2 | 2 | 2 | 19     | 19 | 19 | 19 | 19 | 19 | 19     | 2  | 2  | 2  | 2  | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 2      | 2  | 2  | 2  | 2  |    |
|                                 | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  |    |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 88924-X24<br>AND<br>88924-X24LF | D   | I                      | I | I | I | I | I      | I | I | I | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |
|                                 | C   | I                      | I | I | I | I | I      | I | I | I | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |
|                                 | B   | I                      | I | I | I | I | I      | I | I | I | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |
|                                 | A   | I                      | I | I | I | I | I      | I | I | I | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 | 48 |
| 88924-X25<br>AND<br>88924-X25LF | D   | 1                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 1  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  |    |
|                                 | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  |
|                                 | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  |
|                                 | A   | 3                      | 3 | 3 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  |

|               |  |                                   |  |             |  |                                |        |                        |           |
|---------------|--|-----------------------------------|--|-------------|--|--------------------------------|--------|------------------------|-----------|
| spec ref *    |  | dr <a href="#">Terran Huang</a>   |  | 2010/07/08  |  | projection<br>                 | mm<br> | size A4                | scale 1:1 |
| tolerance std |  | eng <a href="#">Michael Song</a>  |  | 2014/12/02  |  |                                |        | ecn no ELX-DG-19567-1  |           |
| ASME Y14.5    |  | chr <a href="#">Tian-Zhao Lin</a> |  | 2014/12/03  |  |                                |        | rel level Released     |           |
| surface       |  | appr <a href="#">Collins Lu</a>   |  | 2014/12/03  |  | product family METRAL          |        | rev                    |           |
| ASME Y14.5    |  | linear                            |  | 0.X ±0.3    |  | title FCI METRAL SIGNAL HEADER |        | dwg no 88924           |           |
|               |  |                                   |  | 0.XX ±0.13  |  | 8 MOD, 4 ROW PRESS-FIT         |        | AV                     |           |
|               |  |                                   |  | 0.XXX ±.051 |  |                                |        |                        |           |
| angular       |  | 0° ±2°                            |  | www.fci.com |  | cat. no.                       |        | Product - Customer Drw |           |
|               |  |                                   |  |             |  |                                |        | sheet 8 of 14          |           |

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B

C

D

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 88924-X31<br>AND<br>88924-X31LF | D   | 13                     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 | 13     | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 13 | 13 | 13 | 13 | 13 | 13 |
|                                 | C   | 13                     | 19 | 13 | 19 | 13 | 19     | 13 | 19 | 13 | 19 | 13     | 19 | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 19 | 19 | 19 | 19 | 19 | 19 |
|                                 | B   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 19 | 19 | 19 | 19 | 19 | 19 |
|                                 | A   | 13                     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 | 13     | 13 | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 13 | 13 | 13 | 13 | 13 |

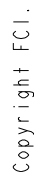
| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |
| 88924-X32<br>AND<br>88924-X32LF | D   | 14                     | 14 | 14 | 14 | 14 | 14     | 14 | 14 | 14 | 14 | 14     | 14 | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 14 | 14 | 14 | 14 | 14 | 14 |    |
|                                 | C   | 14                     | 20 | 14 | 20 | 14 | 20     | 14 | 20 | 14 | 20 | 14     | 20 | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 20 | 20 | 20 | 20 | 20 | 20 |    |
|                                 | B   | 20                     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20     | 20 | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 20 | 20 | 20 | 20 | 20 | 20 |
|                                 | A   | 14                     | 14 | 14 | 14 | 14 | 14     | 14 | 14 | 14 | 14 | 14     | 14 | 14 | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 14 | 14 | 14 | 14 | 14 | 14 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |
| 88924-X33<br>AND<br>88924-X33LF | D   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 4  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 2  |    |
|                                 | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 2  |    |
|                                 | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 2  |    |    |
|                                 | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 2  |    |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |
| 88924-X34<br>AND<br>88924-X34LF | D   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 2  |    |    |
|                                 | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 2  |    |    |
|                                 | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 4  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 2  |    |
|                                 | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 2  |    |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 | 48 |
| 88924-X35<br>AND<br>88924-X35LF | D   | 2                      | 2 | 2 | 2 | 3 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 3  | I  | I  | I  | I  | I  |
|                                 | C   | 2                      | 2 | 2 | 2 | 3 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 3  | I  | I  | I  | I  | I  |
|                                 | B   | 2                      | 2 | 2 | 2 | 3 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 3  | I  | I  | I  | I  | I  |
|                                 | A   | 3                      | I | 2 | 2 | 3 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 3  | I  | I  | I  | I  |

|               |            |         |              |            |                |               |            |        |                      |                        |     |        |                |  |     |    |
|---------------|------------|---------|--------------|------------|----------------|---------------|------------|--------|----------------------|------------------------|-----|--------|----------------|--|-----|----|
| spec ref      | *          | dr      | Terran Huang | 2010/07/08 | projection     |               | mm         | size   | A4                   | scale                  | 1:1 |        |                |  |     |    |
| tolerance std | ASME Y14.5 | eng     | Michael Song | 2014/12/02 | chr            | Tian-Zhao Lin | 2014/12/03 | ecn no | ELX-DG-19567-1       |                        |     |        |                |  |     |    |
|               |            | appr    | Collins Lu   | 2014/12/03 | product family | METRAL        |            |        | rel level            | Released               |     |        |                |  |     |    |
| surface       | ✓          | linear  | 0.X          | ±0.3       | FCI            | title         |            |        | METRAL SIGNAL HEADER |                        |     | dwg no | 88924          |  | rev | AV |
| ASME Y14.5    |            | angular | 0°           | ±2°        | www.fci.com    | cat. no.      |            |        | *                    | Product - Customer Drw |     |        | sheet 10 of 14 |  |     |    |

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A

B

C

D

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |
| 88924-X41<br>AND<br>88924-X41LF | D   | 19                     | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 19 |    |
|                                 | C   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |
|                                 | B   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |
|                                 | A   | 19                     | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 19 |    |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |
| 88924-X42<br>AND<br>88924-X42LF | D   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | -  | -  | -  | -  | -  |    |
|                                 | C   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | -  | -  | -  | -  | -  |    |
|                                 | B   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | -  | -  | -  | -  | -  |    |
|                                 | A   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | -  | -  | -  | -  | -  |    |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 88924-X43<br>AND<br>88924-X43LF | D   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|                                 | C   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|                                 | B   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 2 | 1 | 2  | 1      | 2  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|                                 | A   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 2 | 1  | 2      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |    |   |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|----|---|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 | 48 |   |
| 88924-X44<br>AND<br>88924-X44LF | D   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5  | 5      | 7  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 7  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 7  | 5      | 5  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5 |
|                                 | C   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5  | 5      | 7  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 7  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 7  | 5      | 5  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5 |
|                                 | B   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5  | 5      | 7  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 7  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 7  | 5      | 5  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5 |
|                                 | A   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5  | 5      | 7  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 7  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 7  | 5      | 5  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 88924-X45<br>AND<br>88924-X45LF | D   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |    |
|                                 | C   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|                                 | B   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|                                 | A   | 3                      | 3 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3  | 3  |    |    |

|               |            |         |              |            |                |               |            |        |                      |                        |     |        |                |  |     |    |
|---------------|------------|---------|--------------|------------|----------------|---------------|------------|--------|----------------------|------------------------|-----|--------|----------------|--|-----|----|
| spec ref      | *          | dr      | Terran Huang | 2010/07/08 | projection     |               | mm         | size   | A4                   | scale                  | 1:1 |        |                |  |     |    |
| tolerance std | ASME Y14.5 | eng     | Michael Song | 2014/12/02 | chr            | Tian-Zhao Lin | 2014/12/03 | ecn no | ELX-DG-19567-1       |                        |     |        |                |  |     |    |
|               |            | appr    | Collins Lu   | 2014/12/03 | product family | METRAL        |            |        | rel level            | Released               |     |        |                |  |     |    |
| surface       | ✓          | linear  | 0.X          | ±0.3       | FCI            | title         |            |        | METRAL SIGNAL HEADER |                        |     | dwg no | 88924          |  | rev | AV |
| ASME Y14.5    |            | angular | 0°           | ±2°        | www.fci.com    | cat. no.      |            |        | *                    | Product - Customer Drw |     |        | sheet 12 of 14 |  |     |    |



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A

B

C

D

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 88924-X46     | D   | I                      | I | 3 | I | I | I      | I | I | 3 | I  | I      | I  | I  | I  | 3  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | 3  | 3  | I  | I  | I  | I  | 3  | 3  | I  | I  | I  |
|               | C   | I                      | I | 3 | I | I | I      | I | I | 3 | I  | I      | I  | I  | I  | 3  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | 3  | 3  | I  | I  | I  | I  | 3  | 3  | I  | I  | I  |
| 88924-X46LF   | B   | I                      | I | I | I | I | 3      | I | I | I | I  | I      | 3  | I  | I  | I  | I      | I  | 3  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |
|               | A   | I                      | I | I | I | I | 3      | I | I | I | I  | I      | 3  | I  | I  | I  | I      | I  | 3  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 88924-X47     | D   | I                      | I | 3 | I | I | I      | I | I | 3 | I  | I      | I  | I  | I  | 3  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |
|               | C   | I                      | I | 3 | I | I | I      | I | I | 3 | I  | I      | I  | I  | I  | 3  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |
| 88924-X47LF   | B   | I                      | I | I | I | I | 3      | I | I | I | I  | I      | 3  | I  | I  | I  | I      | I  | 3  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |
|               | A   | I                      | I | I | I | I | 3      | I | I | I | I  | I      | 3  | I  | I  | I  | I      | I  | 3  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I      | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  | I  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|               |     |                        |   |   |   |   |        |   |   |   |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 88924-X50<br>AND<br>88924-X50LF | D   | 2                      | 2 | 2 | 4 | 2 | 2      | 2 | 2 | 2 | 2  | I      | I  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | I  | I  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | I  | I  | 2  | 2  | 2  |    |
|                                 | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | I  | I      | I  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | I  | I  | I  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | I  | 2  | 2  | I  | I  | 2  | 2  | 2  |
|                                 | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | I      | I  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | I  | I  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | I  | I  | I  | 2  | 2  | 2  |    |
|                                 | A   | 4                      | 4 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | I  | I      | I  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | I  | I  | I  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | I  | I  | I  | 4  | 4  |    |

|                                    |                                       |                          |       |            |                                   |                              |               |                              |                  |
|------------------------------------|---------------------------------------|--------------------------|-------|------------|-----------------------------------|------------------------------|---------------|------------------------------|------------------|
| spec ref *                         |                                       | dr <b>Terran Huang</b>   |       | 2010/07/08 |                                   |                              | <b>mm</b>     | size <b>A4</b>               | scale <b>1:1</b> |
| tolerance std<br><b>ASME Y14.5</b> | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng <b>Michael Song</b>  |       | 2014/12/02 |                                   |                              |               | ecn no <b>ELX-DG-19567-1</b> |                  |
|                                    |                                       | chr <b>Tian-Zhao Lin</b> |       | 2014/12/03 |                                   |                              |               | rel level <b>Released</b>    |                  |
|                                    |                                       | appr <b>Collins Lu</b>   |       | 2014/12/03 |                                   | product family <b>METRAL</b> |               |                              |                  |
| surface                            | linear                                | 0.X                      | ±0.3  |            | title <b>METRAL SIGNAL HEADER</b> | dwg no <b>88924</b>          | rev <b>AV</b> |                              |                  |
|                                    |                                       | 0.XX                     | ±0.13 |            |                                   |                              |               |                              |                  |
|                                    |                                       | 0.XXX                    | ±.051 |            |                                   |                              |               |                              |                  |
| ASME Y14.5                         |                                       | angular                  | 0°    | ±2°        | www.fci.com                       | cat. no. *                   |               | Product - Customer Drw       |                  |

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A

A

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |   |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|---|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |   |
| 88924-X51<br>AND<br>88924-X51LF | D   | 9                      | 9 | 9 | 9 | 9 | 9      | 9 | 9 | 9 | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |   |
|                                 | C   | 9                      | 9 | 9 | 9 | 9 | 9      | 9 | 9 | 9 | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9 |
|                                 | B   | 9                      | 9 | 9 | 9 | 9 | 9      | 9 | 9 | 9 | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9 |
|                                 | A   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |    |    |
| 88924-X52<br>AND<br>88924-X52LF | D   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |    |
|                                 | C   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|                                 | B   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|                                 | A   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

AV

B

B

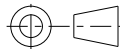
C

C

Copyright FCI.

D

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|                                       |                                                                                     |         |       |                                                                                     |                      |            |                                                                                       |                                                                                       |                        |       |        |       |                |
|---------------------------------------|-------------------------------------------------------------------------------------|---------|-------|-------------------------------------------------------------------------------------|----------------------|------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------|-------|--------|-------|----------------|
| spec ref                              |                                                                                     | *       |       | dr                                                                                  | Terran Huang         | 2010/07/08 |  |  | mm                     | size  | A4     | scale | 1:1            |
| tolerance std<br>ASME Y14.5           | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED                                            |         |       | eng                                                                                 | Michael Song         | 2014/12/02 |                                                                                       |                                                                                       | ecn no                 |       |        |       | ELX-DG-19567-1 |
|                                       |                                                                                     |         |       | chr                                                                                 | Tian-Zhao Lin        | 2014/12/03 |                                                                                       |                                                                                       | rel level              |       |        |       | Released       |
|                                       |                                                                                     |         |       | appr                                                                                | Collins Lu           | 2014/12/03 |                                                                                       |                                                                                       | product family         |       | METRAL |       |                |
| surface<br>3.200 linear<br>ASME Y14.5 |  | 0.X     | ±0.3  |  | title                |            |                                                                                       |                                                                                       | dwg no                 | 88924 |        | rev   | AV             |
|                                       |                                                                                     | 0.XX    | ±0.13 |                                                                                     |                      |            |                                                                                       |                                                                                       |                        |       |        |       |                |
|                                       |                                                                                     | 0.XXX   | ±.051 |                                                                                     | METRAL SIGNAL HEADER |            |                                                                                       |                                                                                       |                        |       |        |       |                |
|                                       | ASME Y14.5                                                                          | angular | 0°    | ±2°                                                                                 | www.fci.com          | cat. no.   |                                                                                       | -                                                                                     | Product - Customer Drw |       |        |       | sheet 14 of 14 |

Print File - REV C - 2009-06-09

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PDS: Rev :AV

STATUS:Released

Printed: Dec 15, 2014



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор аналогов;
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- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



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