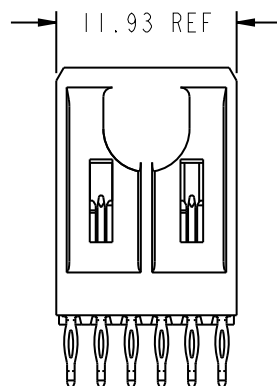
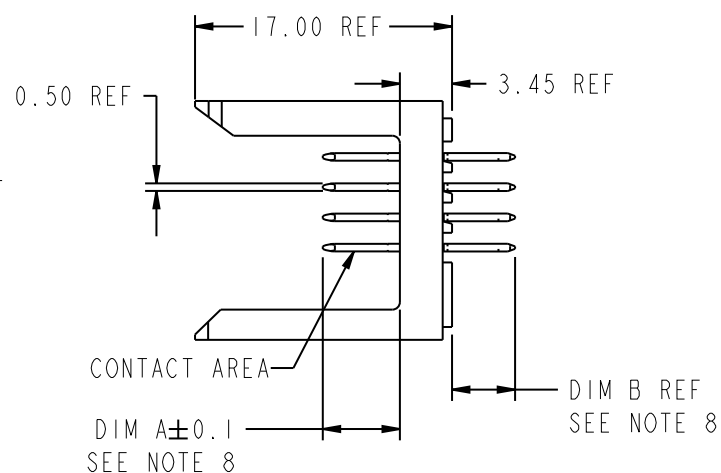
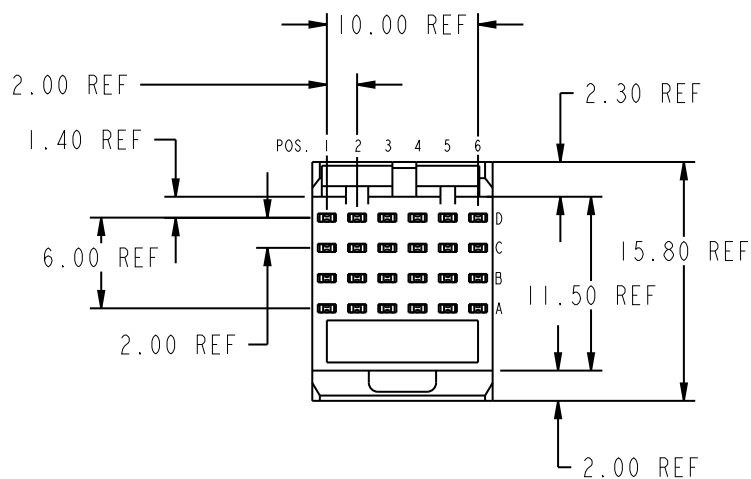


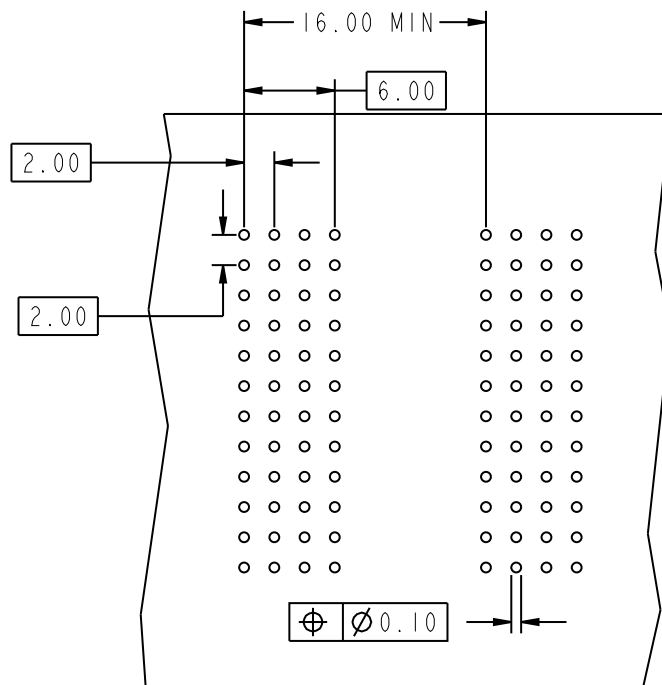


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PRODUCT NUMBER  
SEE TABLE



| mat'l code |           |     |            | tolerances unless otherwise specified |                  |            |      | CUSTOMER               |  | FCI                  |  |
|------------|-----------|-----|------------|---------------------------------------|------------------|------------|------|------------------------|--|----------------------|--|
| ltr        | ecn no.   | dr  | date       | linear                                | 0.X $\pm 0.3$    | projection | COPY | www.fciconnect.com     |  |                      |  |
| AH         | V06-0569  | DCH | 2006-06-13 | linear                                | 0.XX $\pm 0.13$  | projection | COPY | title                  |  | METRAL SIGNAL HEADER |  |
| AJ         | DG09-0256 | TER | 2009-08-19 | linear                                | .XXX $\pm 0.051$ | projection | COPY | 1 MOD, 4 ROW PRESS-FIT |  |                      |  |
| -          | -         | -   | -          | angles                                | 0° $\pm 2^\circ$ | projection | COPY | product family         |  | METRAL               |  |
| AD         | V03-0025  | JWS | 02/06/03   | dr                                    | T.BRUNGARD       | 11/19/99   | MM   | size                   |  | 213                  |  |
| AE         | V03-1321  | DAI | 01/15/04   | enr                                   | M.STRAWER        | 11/19/99   | MM   | dwg no                 |  | 88921                |  |
| AF         | V04-0794  | TAB | 08/13/04   | chr                                   | M.STRAWER        | 11/19/99   | MM   | A                      |  | 1 of 6               |  |
| AG         | V05-0368  | DPU | 06/01/05   | appd                                  | M.STRAWER        | 02/29/00   | MM   | 2:1                    |  |                      |  |
| sheet      | revision  | AJ  | AJ         | AJ                                    | AJ               | AJ         | AJ   |                        |  |                      |  |
| index      | sheet     | 1   | 2          | 3                                     | 4                | 5          | 6    |                        |  |                      |  |



REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE

SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

| KEY  |                 |                 |
|------|-----------------|-----------------|
| CODE | DIMENSIONS      |                 |
|      | DIM "A"<br>MATE | DIM "B"<br>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           |
| 8    | 7.25            | 13.60           |
| 9    | 5.00            | 17.00           |
| 10   | 5.75            | 17.00           |
| 11   | 6.50            | 17.00           |
| 12   | 7.25            | 17.00           |
| 13   | 8.25            | 4.30            |
| 14   | 8.25            | 13.60           |
| 15   | 8.25            | 17.00           |
| 16   | 7.00            | 4.30            |
| 17   | 7.00            | 13.60           |
| 18   | 7.00            | 17.00           |
| 19   | 8.00            | 4.30            |
| 20   | 8.00            | 13.60           |
| 21   | 8.00            | 17.00           |
| 22   | 5.00            | 12.10           |
| 25   | 5.75            | 15.60           |

| KEY  |                 |                 |
|------|-----------------|-----------------|
| CODE | DIMENSIONS      |                 |
|      | DIM "A"<br>MATE | DIM "B"<br>TAIL |
| 40   | 5.00            | 15.60           |
| 41   | 6.50            | 15.60           |
| 42   | 7.25            | 15.60           |
| 43   | 8.00            | 15.60           |
| 44   | 5.75            | 12.10           |
| 45   | 6.50            | 12.10           |
| 59   | 5.00            | 11.80           |
| 60   | 5.75            | 11.80           |
| 61   | 6.50            | 11.80           |
| 62   | 7.25            | 11.80           |
| 63   | 8.00            | 11.80           |

|             |                |    |      |                                       |                  |               |                    |                                                            |       |          |
|-------------|----------------|----|------|---------------------------------------|------------------|---------------|--------------------|------------------------------------------------------------|-------|----------|
| mat'l code  |                |    |      | tolerances unless otherwise specified |                  | CUSTOMER      |                    | <a href="http://www.fciconnect.com">www.fciconnect.com</a> |       |          |
| lfr         | ecn no.        | dr | date | linear                                | 0.X $\pm 0.3$    | projection    |                    | title<br>METRAL SIGNAL HEADER<br>1 MOD, 4 ROW PRESS-FIT    |       |          |
| AJ          |                |    |      |                                       | 0.XX $\pm 0.13$  |               |                    |                                                            |       |          |
|             |                |    |      |                                       | .XXX $\pm 0.051$ |               |                    |                                                            |       |          |
|             |                |    |      | angles                                | 0° $\pm 2^\circ$ | <br>scale 2:1 | <br>product family | METRAL code<br>213<br>sheet<br>2                           |       |          |
|             |                |    |      | dr                                    | T.BRUNGARD       |               |                    |                                                            |       | 11/19/99 |
|             |                |    |      | enrg                                  | M.STRAWSE        |               |                    |                                                            |       | 11/19/99 |
|             |                |    |      | chr                                   | M.STRAWSE        | 11/19/99      | size               | dwg no                                                     | 88921 |          |
|             |                |    |      | appd                                  | M.STRAWSE        | 02/29/00      |                    |                                                            |       |          |
| sheet index | revision sheet |    |      |                                       |                  |               |                    |                                                            |       |          |

cage code 22526

Pro/E

PDM: Rev:AJ

STATUS: Released

Printed: Sep 16, 2009



- 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, SUFFIX "P" WILL BE ADDED TO THE END OF  
THE PART NUMBER. EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF
  - PRODUCT SPECIFICATION: GS-12-180  
APPLICATION SPECIFICATION: BUS-20-073
  - AFTER INSERTION INTO BOARD WITH QUALIFIED TOOLING.
  - THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE  
EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS  
AS DESCRIBED IN GS-12-008.
  - ALL THE PRODUCTS EXCEPT THOSE WITH PART NUMBERS  
CONTAINING 88921-NI---OR 88921-N5---WILL WITHSTAND  
EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A  
CONVECTION, INFRA-RED OR VAPOR PHASE  
REFLOW OVEN. PART NUMBERS 88921-NI---AND 88921-N5---  
WILL NOT WITHSTAND REFLOW AND THE A<sub>U</sub> 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.

|            |          |           |      |                                          |            |          |  |                           |                                                         |        |       |       |     |
|------------|----------|-----------|------|------------------------------------------|------------|----------|--|---------------------------|---------------------------------------------------------|--------|-------|-------|-----|
| mat'l code |          | SEE NOTES |      | tolerances unless<br>otherwise specified |            | CUSTOMER |  | FCJ<br>www.fcjconnect.com |                                                         |        |       |       |     |
| lfr        | ecn no.  | dr        | date | linear                                   | 0.X ±0.3   | COPY     |  | projection                | title<br>METRAL SIGNAL HEADER<br>1 MOD, 4 ROW PRESS-FIT |        |       |       |     |
| AJ         |          |           |      |                                          | 0.XX ±0.13 |          |  |                           |                                                         |        |       |       |     |
|            |          |           |      |                                          | .XXX ±.051 |          |  |                           |                                                         |        |       |       |     |
|            |          |           |      | angles                                   | 0° ±2°     |          |  |                           |                                                         |        |       |       |     |
|            |          |           |      | dr                                       | T.BRUNGARD | 11/19/99 |  |                           | product family                                          | METRAL | code  |       |     |
|            |          |           |      | enrg                                     | x. xxxxxx  | mm/dd/yy |  |                           | size                                                    | dwg no | 88921 | sheet | 213 |
|            |          |           |      | chr                                      | M.STRAWSER | 11/19/99 |  |                           |                                                         |        |       |       |     |
|            |          |           |      | appd                                     | M.STRAWSER | 02/29/00 |  |                           |                                                         |        |       |       |     |
| sheet      | revision |           |      |                                          |            |          |  |                           |                                                         |        |       |       |     |
| index      | sheet    |           |      |                                          |            |          |  |                           |                                                         |        |       |       |     |

cage code 22526

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PDM: Rev:AJ

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| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
|---------------------------------|---|-----|---------------------|----|----|----|----|--|
| 88921-X01<br>AND<br>88921-X01LF | D | -   | 2                   | -  | 2  | -  | 2  |  |
|                                 | C | -   | 2                   | -  | 2  | -  | 2  |  |
|                                 | B | -   | 2                   | -  | 2  | -  | 2  |  |
|                                 | A | -   | 2                   | -  | 2  | -  | 2  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X02<br>AND<br>88921-X02LF | D | -   | 6                   | -  | 6  | -  | 6  |  |
|                                 | C | -   | 6                   | -  | 6  | -  | 6  |  |
|                                 | B | -   | 6                   | -  | 6  | -  | 6  |  |
|                                 | A | -   | 6                   | -  | 6  | -  | 6  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X03<br>AND<br>88921-X03LF | D | 3   | 3                   | 3  | 3  | 3  | 3  |  |
|                                 | C | 4   | 4                   | 4  | 4  | 4  | 4  |  |
|                                 | B | 4   | 4                   | 4  | 4  | 4  | 4  |  |
|                                 | A | 4   | 4                   | 4  | 4  | 4  | 4  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X04<br>AND<br>88921-X04LF | D | 7   | 7                   | 7  | 7  | 7  | 7  |  |
|                                 | C | 8   | 8                   | 8  | 8  | 8  | 8  |  |
|                                 | B | 8   | 8                   | 8  | 8  | 8  | 8  |  |
|                                 | A | 8   | 8                   | 8  | 8  | 8  | 8  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X05<br>AND<br>88921-X05LF | D | 13  | 2                   | 2  | 2  | 2  | 2  |  |
|                                 | C | 13  | 2                   | 2  | 2  | 2  | 2  |  |
|                                 | B | 13  | 2                   | 2  | 2  | 2  | 2  |  |
|                                 | A | 13  | 2                   | 2  | 2  | 2  | 2  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X06<br>AND<br>88921-X06LF | D | 14  | 6                   | 6  | 6  | 6  | 6  |  |
|                                 | C | 14  | 6                   | 6  | 6  | 6  | 6  |  |
|                                 | B | 14  | 6                   | 6  | 6  | 6  | 6  |  |
|                                 | A | 14  | 6                   | 6  | 6  | 6  | 6  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X07<br>AND<br>88921-X07LF | D | 15  | 10                  | 10 | 10 | 10 | 10 |  |
|                                 | C | 15  | 10                  | 10 | 10 | 10 | 10 |  |
|                                 | B | 15  | 10                  | 10 | 10 | 10 | 10 |  |
|                                 | A | 15  | 10                  | 10 | 10 | 10 | 10 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X08<br>AND<br>88921-X08LF | D | 16  | 2                   | 2  | 2  | 2  | 2  |  |
|                                 | C | 16  | 2                   | 2  | 2  | 2  | 2  |  |
|                                 | B | 16  | 2                   | 2  | 2  | 2  | 2  |  |
|                                 | A | 16  | 2                   | 2  | 2  | 2  | 2  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X09<br>AND<br>88921-X09LF | D | 17  | 6                   | 6  | 6  | 6  | 6  |  |
|                                 | C | 17  | 6                   | 6  | 6  | 6  | 6  |  |
|                                 | B | 17  | 6                   | 6  | 6  | 6  | 6  |  |
|                                 | A | 17  | 6                   | 6  | 6  | 6  | 6  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X10<br>AND<br>88921-X10LF | D | 18  | 10                  | 10 | 10 | 10 | 10 |  |
|                                 | C | 18  | 10                  | 10 | 10 | 10 | 10 |  |
|                                 | B | 18  | 10                  | 10 | 10 | 10 | 10 |  |
|                                 | A | 18  | 10                  | 10 | 10 | 10 | 10 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X11<br>AND<br>88921-X11LF | D | 13  | 16                  | 16 | 16 | 16 | 13 |  |
|                                 | C | 13  | 16                  | 16 | 16 | 16 | 13 |  |
|                                 | B | 13  | 16                  | 16 | 16 | 16 | 13 |  |
|                                 | A | 13  | 16                  | 16 | 16 | 16 | 13 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X12<br>AND<br>88921-X12LF | D | 14  | 17                  | 17 | 17 | 17 | 14 |  |
|                                 | C | 14  | 17                  | 17 | 17 | 17 | 14 |  |
|                                 | B | 14  | 17                  | 17 | 17 | 17 | 14 |  |
|                                 | A | 14  | 17                  | 17 | 17 | 17 | 14 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X13<br>AND<br>88921-X13LF | D | 15  | 18                  | 18 | 18 | 18 | 15 |  |
|                                 | C | 15  | 18                  | 18 | 18 | 18 | 15 |  |
|                                 | B | 15  | 18                  | 18 | 18 | 18 | 15 |  |
|                                 | A | 15  | 18                  | 18 | 18 | 18 | 15 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X14<br>AND<br>88921-X14LF | D | 2   | 2                   | 2  | 3  | 2  | 2  |  |
|                                 | C | 2   | 2                   | 2  | 3  | 2  | 2  |  |
|                                 | B | 2   | 1                   | 2  | 3  | 2  | 2  |  |
|                                 | A | 2   | 2                   | 2  | 3  | 2  | 2  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X15<br>AND<br>88921-X15LF | D | 4   | 4                   | 4  | 4  | 4  | 2  |  |
|                                 | C | 3   | 3                   | 3  | 3  | 3  | 3  |  |
|                                 | B | 3   | 3                   | 3  | 3  | 3  | 3  |  |
|                                 | A | 3   | 3                   | 3  | 3  | 3  | 3  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X16<br>AND<br>88921-X16LF | D | 13  | 13                  | 13 | 13 | -  | 13 |  |
|                                 | C | 13  | 13                  | 13 | 13 | -  | 13 |  |
|                                 | B | 13  | 13                  | 13 | 13 | -  | 13 |  |
|                                 | A | 13  | 13                  | 13 | 13 | -  | 13 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X17<br>AND<br>88921-X17LF | D | 25  | 25                  | 25 | 25 | 25 | 25 |  |
|                                 | C | 25  | 25                  | 25 | 25 | 25 | 25 |  |
|                                 | B | 25  | 25                  | 25 | 25 | 25 | 25 |  |
|                                 | A | 25  | 25                  | 25 | 25 | 25 | 25 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X18<br>AND<br>88921-X18LF | D | 3   | 1                   | 1  | 1  | 1  | 1  |  |
|                                 | C | 3   | 1                   | 1  | 1  | 1  | 1  |  |
|                                 | B | 3   | 1                   | 1  | 1  | 1  | 1  |  |
|                                 | A | 3   | 1                   | 1  | 1  | 1  | 1  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X19<br>AND<br>88921-X19LF | D | 2   | 2                   | 2  | 2  | 2  | 2  |  |
|                                 | C | 4   | 2                   | 4  | 2  | 4  | 2  |  |
|                                 | B | 2   | 4                   | 2  | 4  | 2  | 4  |  |
|                                 | A | 2   | 2                   | 2  | 2  | 2  | 2  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X20<br>AND<br>88921-X20LF | D | 19  | 3                   | 3  | 3  | 3  | 19 |  |
|                                 | C | 19  | 3                   | 3  | 3  | 3  | 19 |  |
|                                 | B | 19  | 3                   | 3  | 3  | 3  | 19 |  |
|                                 | A | 19  | 3                   | 3  | 3  | 3  | 19 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X21<br>AND<br>88921-X21LF | D | 4   | 4                   | 4  | 19 | 19 | 19 |  |
|                                 | C | 4   | 4                   | 4  | 19 | 19 | 19 |  |
|                                 | B | 4   | 4                   | 4  | 19 | 19 | 19 |  |
|                                 | A | 4   | 4                   | 4  | 19 | 19 | 19 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X22<br>AND<br>88921-X22LF | D | 8   | 8                   | 8  | 20 | 20 | 20 |  |
|                                 | C | 8   | 8                   | 8  | 20 | 20 | 20 |  |
|                                 | B | 8   | 8                   | 8  | 20 | 20 | 20 |  |
|                                 | A | 8   | 8                   | 8  | 20 | 20 | 20 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X23<br>AND<br>88921-X23LF | D | 4   | 1                   | 4  | 1  | 1  | 1  |  |
|                                 | C | 4   | 1                   | 1  | 1  | 1  | 1  |  |
|                                 | B | 4   | 1                   | 1  | 1  | 1  | 1  |  |
|                                 | A | 4   | 1                   | 4  | 1  | 1  | 1  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X24<br>AND<br>88921-X24LF | D | 22  | 22                  | 22 | 22 | 22 | 22 |  |
|                                 | C | 44  | 44                  | 44 | 44 | 44 | 44 |  |
|                                 | B | 44  | 44                  | 44 | 44 | 44 | 44 |  |
|                                 | A | 45  | 45                  | 45 | 45 | 45 | 45 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X25<br>AND<br>88921-X25LF | D | 3   | 3                   | 3  | 3  | 3  | -  |  |
|                                 | C | 3   | 3                   | 3  | 3  | 3  | -  |  |
|                                 | B | 3   | 3                   | 3  | 3  | 3  | -  |  |
|                                 | A | -   | -                   | 3  | 3  | 3  | -  |  |

|             |          |       |      |                                       |            |            |       |       |                                                |                    |      |          |
|-------------|----------|-------|------|---------------------------------------|------------|------------|-------|-------|------------------------------------------------|--------------------|------|----------|
| mat'l code  |          | --    |      | tolerances unless otherwise specified |            | CUSTOMER   |       | FCJ   |                                                | www.fcjconnect.com |      |          |
| lfr         | ecn no.  | dr    | date | linear                                | 0.X ±0.3   | projection | COPY  | title | METRAL SIGNAL HEADER<br>1 MOD, 4 ROW PRESS-FIT | product family     | code |          |
| AJ          |          |       |      |                                       | 0.XX ±0.13 |            |       |       |                                                |                    |      |          |
|             |          |       |      |                                       | .XXX ±.051 |            |       |       |                                                |                    |      |          |
|             |          |       |      | angles                                | 0° ±2°     | MM         | scale | A     | 88921                                          | sheet              | 4    |          |
|             |          |       |      | dr                                    | T.BRUNGARD |            |       |       |                                                |                    |      | 11/19/99 |
|             |          |       |      | enrg                                  | M.STRAWSE  |            |       |       |                                                |                    |      | 11/19/99 |
|             |          |       |      | chr                                   | M.STRAWSE  | 11/19/99   |       |       |                                                |                    |      |          |
|             |          |       |      | appd                                  | M.STRAWSE  | 02/29/00   |       |       |                                                |                    |      |          |
| sheet index | revision | sheet |      |                                       |            |            |       |       |                                                |                    |      |          |
|             |          |       |      |                                       |            |            |       |       |                                                |                    |      |          |

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| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
|---------------------------------|---|-----|---------------------|----|----|----|----|--|
| 88921-X26<br>AND<br>88921-X26LF | D | 19  | -                   | 4  | -  | 3  | -  |  |
|                                 | C | 19  | -                   | 4  | -  | -  | 19 |  |
|                                 | B | -   | 19                  | -  | 4  | -  | 19 |  |
|                                 | A | -   | 19                  | -  | 4  | -  | 19 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X31<br>AND<br>88921-X31LF | D | 3   | 3                   | 3  | 3  | 3  | 1  |  |
|                                 | C | 3   | 3                   | 3  | 3  | 3  | 19 |  |
|                                 | B | 3   | 3                   | 3  | 3  | 3  | 3  |  |
|                                 | A | 3   | 3                   | 3  | 3  | 19 | 19 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X36<br>AND<br>88921-X36LF | D | -   | 4                   | -  | 4  | -  | 4  |  |
|                                 | C | 4   | -                   | 4  | -  | 4  | -  |  |
|                                 | B | -   | 4                   | -  | 4  | -  | 4  |  |
|                                 | A | 4   | -                   | 4  | -  | 4  | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X41<br>AND<br>88921-X41LF | D | -   | 62                  | -  | 62 | -  | 62 |  |
|                                 | C | 62  | -                   | 62 | -  | 62 | -  |  |
|                                 | B | -   | 62                  | -  | 62 | -  | 62 |  |
|                                 | A | 62  | -                   | 62 | -  | 62 | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X46<br>AND<br>88921-X46LF | D | -   | 8                   | -  | 8  | -  | 8  |  |
|                                 | C | 8   | -                   | 8  | -  | 8  | -  |  |
|                                 | B | -   | 8                   | -  | 8  | -  | 8  |  |
|                                 | A | 8   | -                   | 8  | -  | 8  | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X27<br>AND<br>88921-X27LF | D | 2   | 2                   | 2  | 3  | 4  | 19 |  |
|                                 | C | 2   | 2                   | 2  | 3  | 4  | 19 |  |
|                                 | B | 2   | 2                   | 2  | 3  | 4  | 19 |  |
|                                 | A | 2   | 2                   | 2  | 3  | 4  | 19 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X32<br>AND<br>88921-X32LF | D | 6   | 6                   | 6  | 6  | 6  | 20 |  |
|                                 | C | 6   | 6                   | 6  | 6  | 6  | 20 |  |
|                                 | B | 6   | 6                   | 6  | 6  | 6  | 20 |  |
|                                 | A | 6   | 6                   | 6  | 6  | 6  | 20 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X37<br>AND<br>88921-X37LF | D | -   | 19                  | -  | 19 | -  | 19 |  |
|                                 | C | 19  | -                   | 19 | -  | 19 | -  |  |
|                                 | B | -   | 19                  | -  | 19 | -  | 19 |  |
|                                 | A | 19  | -                   | 19 | -  | 19 | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X42<br>AND<br>88921-X42LF | D | -   | 63                  | -  | 63 | -  | 63 |  |
|                                 | C | 63  | -                   | 63 | -  | 63 | -  |  |
|                                 | B | -   | 63                  | -  | 63 | -  | 63 |  |
|                                 | A | 63  | -                   | 63 | -  | 63 | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X47<br>AND<br>88921-X47LF | D | -   | 20                  | -  | 20 | -  | 20 |  |
|                                 | C | 20  | -                   | 20 | -  | 20 | -  |  |
|                                 | B | -   | 20                  | -  | 20 | -  | 20 |  |
|                                 | A | 20  | -                   | 20 | -  | 20 | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X28<br>AND<br>88921-X28LF | D | 2   | 2                   | 2  | 2  | 2  | 19 |  |
|                                 | C | 2   | 2                   | 2  | 2  | 2  | 19 |  |
|                                 | B | 2   | 2                   | 2  | 2  | 2  | 19 |  |
|                                 | A | 2   | 2                   | 2  | 2  | 2  | 19 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X33<br>AND<br>88921-X33LF | D | 3   | 3                   | 3  | 3  | 3  | 1  |  |
|                                 | C | 3   | 3                   | 3  | 3  | 3  | 3  |  |
|                                 | B | 3   | 3                   | 3  | 3  | 3  | 3  |  |
|                                 | A | 19  | 19                  | 19 | 19 | 19 | 19 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X38<br>AND<br>88921-X38LF | D | -   | 59                  | -  | 59 | -  | 59 |  |
|                                 | C | 59  | -                   | 59 | -  | 59 | -  |  |
|                                 | B | -   | 59                  | -  | 59 | -  | 59 |  |
|                                 | A | 59  | -                   | 59 | -  | 59 | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X43<br>AND<br>88921-X43LF | D | -   | 5                   | -  | 5  | -  | 5  |  |
|                                 | C | 5   | -                   | 5  | -  | 5  | -  |  |
|                                 | B | -   | 5                   | -  | 5  | -  | 5  |  |
|                                 | A | 5   | -                   | 5  | -  | 5  | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X48<br>AND<br>88921-X48LF | D | -   | 40                  | -  | 40 | -  | 40 |  |
|                                 | C | 40  | -                   | 40 | -  | 40 | -  |  |
|                                 | B | -   | 40                  | -  | 40 | -  | 40 |  |
|                                 | A | 40  | -                   | 40 | -  | 40 | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X29<br>AND<br>88921-X29LF | D | 3   | 3                   | 3  | 3  | 3  | 1  |  |
|                                 | C | 3   | 3                   | 3  | 3  | 3  | 19 |  |
|                                 | B | 3   | 3                   | 3  | 3  | 3  | 3  |  |
|                                 | A | 3   | 3                   | 3  | 3  | 19 | 19 |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X34<br>AND<br>88921-X34LF | D | 6   | 6                   | 6  | 6  | 6  | 6  |  |
|                                 | C | 6   | 6                   | 6  | 6  | 6  | 6  |  |
|                                 | B | 6   | 6                   | 6  | 6  | 6  | 6  |  |
|                                 | A | 7   | 7                   | 7  | 6  | 6  | 5  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X39<br>AND<br>88921-X39LF | D | -   | 60                  | -  | 60 | -  | 60 |  |
|                                 | C | 60  | -                   | 60 | -  | 60 | -  |  |
|                                 | B | -   | 60                  | -  | 60 | -  | 60 |  |
|                                 | A | 60  | -                   | 60 | -  | 60 | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X44<br>AND<br>88921-X44LF | D | -   | 6                   | -  | 6  | -  | 6  |  |
|                                 | C | 6   | -                   | 6  | -  | 6  | -  |  |
|                                 | B | -   | 6                   | -  | 6  | -  | 6  |  |
|                                 | A | 6   | -                   | 6  | -  | 6  | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X49<br>AND<br>88921-X49LF | D | -   | 25                  | -  | 25 | -  | 25 |  |
|                                 | C | 25  | -                   | 25 | -  | 25 | -  |  |
|                                 | B | -   | 25                  | -  | 25 | -  | 25 |  |
|                                 | A | 25  | -                   | 25 | -  | 25 | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X30<br>AND<br>88921-X30LF | D | 3   | 3                   | 3  | 19 | 3  | 3  |  |
|                                 | C | 3   | 3                   | 3  | 3  | 3  | 3  |  |
|                                 | B | 3   | 3                   | 3  | 3  | 3  | 3  |  |
|                                 | A | 3   | 3                   | 3  | 3  | 3  | 3  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X35<br>AND<br>88921-X35LF | D | -   | 3                   | -  | 3  | -  | 3  |  |
|                                 | C | 3   | -                   | 3  | -  | 3  | -  |  |
|                                 | B | -   | 3                   | -  | 3  | -  | 3  |  |
|                                 | A | 3   | -                   | 3  | -  | 3  | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X40<br>AND<br>88921-X40LF | D | -   | 61                  | -  | 61 | -  | 61 |  |
|                                 | C | 61  | -                   | 61 | -  | 61 | -  |  |
|                                 | B | -   | 61                  | -  | 61 | -  | 61 |  |
|                                 | A | 61  | -                   | 61 | -  | 61 | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X45<br>AND<br>88921-X45LF | D | -   | 7                   | -  | 7  | -  | 7  |  |
|                                 | C | 7   | -                   | 7  | -  | 7  | -  |  |
|                                 | B | -   | 7                   | -  | 7  | -  | 7  |  |
|                                 | A | 7   | -                   | 7  | -  | 7  | -  |  |
| METRAL P/N                      |   | ROW | CONTACT CODE MOD. I |    |    |    |    |  |
| 88921-X50<br>AND<br>88921-X50LF | D | -   | 41                  | -  | 41 | -  | 41 |  |
|                                 | C | 41  | -                   | 41 | -  | 41 | -  |  |
|                                 | B | -   | 41                  | -  | 41 | -  | 41 |  |
|                                 | A | 41  | -                   | 41 | -  | 41 | -  |  |

|             |         |                |            |                                       |                        |            |      |                    |  |
|-------------|---------|----------------|------------|---------------------------------------|------------------------|------------|------|--------------------|--|
| mat'l code  |         |                |            | tolerances unless otherwise specified |                        | CUSTOMER   |      | FCJ                |  |
| lfr         | ecn no. | dr             | date       | linear                                | 0.X ±0.3               | projection | COPY | www.fcjconnect.com |  |
| AJ          |         |                | 0.XX ±0.13 |                                       | title                  |            |      |                    |  |
|             |         |                | .XXX ±.051 |                                       | METRAL SIGNAL HEADER   |            |      |                    |  |
|             |         |                | 0° ±2°     |                                       | 1 MOD, 4 ROW PRESS-FIT |            |      |                    |  |
|             |         |                | angles     | dr                                    | T.BRUNGARD             | 11/19/99   | MM   | product family     |  |
|             |         |                | enrg       | M.STRAWSE                             | 11/19/99               | METRAL     |      |                    |  |
|             |         |                | chr        | M.STRAWSE                             | 11/19/99               | code       |      |                    |  |
|             |         |                | appd       | M.STRAWSE                             | 02/29/00               | 213        |      |                    |  |
| sheet index |         | revision sheet |            |                                       |                        | scale      |      | size               |  |
|             |         |                |            |                                       |                        | 1:1        |      | dwg no             |  |
|             |         |                |            |                                       |                        |            |      | 88921              |  |
|             |         |                |            |                                       |                        |            |      | sheet              |  |
|             |         |                |            |                                       |                        |            |      | 5                  |  |
|             |         |                |            |                                       |                        |            |      | cage code          |  |
|             |         |                |            |                                       |                        |            |      | 22526              |  |
|             |         |                |            |                                       |                        |            |      | 4                  |  |



| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 88921-X51<br>AND<br>88921-X51LF | D   | -                      | 42 | -  | 42 | -  | 42 |
|                                 | C   | 42                     | -  | 42 | -  | 42 | -  |
|                                 | B   | -                      | 42 | -  | 42 | -  | 42 |
|                                 | A   | 42                     | -  | 42 | -  | 42 | -  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 88921-X56<br>AND<br>88921-X56LF | D   | -                      | 12 | -  | 12 | -  | 12 |
|                                 | C   | 12                     | -  | 12 | -  | 12 | -  |
|                                 | B   | -                      | 12 | -  | 12 | -  | 12 |
|                                 | A   | 12                     | -  | 12 | -  | 12 | -  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|---------------------------------|-----|------------------------|---|---|---|---|---|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 88921-X61<br>AND<br>88921-X61LF | D   | 7                      | 6 | 6 | 5 | 6 | 6 |
|                                 | C   | 7                      | 6 | 5 | 5 | 7 | 6 |
|                                 | B   | 7                      | 6 | 6 | 6 | 6 | 6 |
|                                 | A   | 7                      | 6 | 6 | 6 | 6 | 6 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 88921-X52<br>AND<br>88921-X52LF | D   | -                      | 43 | -  | 43 | -  | 43 |
|                                 | C   | 43                     | -  | 43 | -  | 43 | -  |
|                                 | B   | -                      | 43 | -  | 43 | -  | 43 |
|                                 | A   | 43                     | -  | 43 | -  | 43 | -  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 88921-X57<br>AND<br>88921-X57LF | D   | -                      | 21 | -  | 21 | -  | 21 |
|                                 | C   | 21                     | -  | 21 | -  | 21 | -  |
|                                 | B   | -                      | 21 | -  | 21 | -  | 21 |
|                                 | A   | 21                     | -  | 21 | -  | 21 | -  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. I |    |   |   |   |    |
|---------------------------------|-----|------------------------|----|---|---|---|----|
|                                 |     | 1                      | 2  | 3 | 4 | 5 | 6  |
| 88921-X62<br>AND<br>88921-X62LF | D   | 19                     | -  | 4 | - | 3 | 19 |
|                                 | C   | 19                     | -  | 4 | - | - | 19 |
|                                 | B   | -                      | 19 | - | 4 | - | 19 |
|                                 | A   | -                      | 19 | - | 4 | - | 19 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|---------------------------------|-----|------------------------|---|---|---|---|---|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 88921-X53<br>AND<br>88921-X53LF | D   | -                      | 9 | - | 9 | - | 9 |
|                                 | C   | 9                      | - | 9 | - | 9 | - |
|                                 | B   | -                      | 9 | - | 9 | - | 9 |
|                                 | A   | 9                      | - | 9 | - | 9 | - |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|---------------------------------|-----|------------------------|---|---|---|---|---|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 88921-X58<br>AND<br>88921-X58LF | D   | 20                     | 6 | 7 | 7 | 7 | 7 |
|                                 | C   | 20                     | 7 | 7 | 7 | 7 | 7 |
|                                 | B   | 20                     | 7 | 7 | 7 | 7 | 7 |
|                                 | A   | 20                     | 7 | 5 | 7 | 7 | 7 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 88921-X54<br>AND<br>88921-X54LF | D   | -                      | 10 | -  | 10 | -  | 10 |
|                                 | C   | 10                     | -  | 10 | -  | 10 | -  |
|                                 | B   | -                      | 10 | -  | 10 | -  | 10 |
|                                 | A   | 10                     | -  | 10 | -  | 10 | -  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|---------------------------------|-----|------------------------|---|---|---|---|---|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 88921-X59<br>AND<br>88921-X59LF | D   | 1                      | 1 | 2 | 1 | 1 | 1 |
|                                 | C   | 1                      | 1 | 2 | 1 | 1 | 1 |
|                                 | B   | 1                      | 1 | 2 | 1 | 1 | 1 |
|                                 | A   | 1                      | 1 | 2 | 1 | 1 | 1 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 88921-X55<br>AND<br>88921-X55LF | D   | -                      | 11 | -  | 11 | -  | 11 |
|                                 | C   | 11                     | -  | 11 | -  | 11 | -  |
|                                 | B   | -                      | 11 | -  | 11 | -  | 11 |
|                                 | A   | 11                     | -  | 11 | -  | 11 | -  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|---------------------------------|-----|------------------------|---|---|---|---|---|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 88921-X60<br>AND<br>88921-X60LF | D   | 2                      | 2 | 2 | 3 | 2 | 3 |
|                                 | C   | 2                      | 2 | 2 | 3 | 2 | 3 |
|                                 | B   | 2                      | 2 | 2 | 3 | 2 | 3 |
|                                 | A   | 2                      | 2 | 2 | 3 | 2 | 3 |

|             |                |    |      |                                          |                  |            |           |                                                      |                                                             |  |
|-------------|----------------|----|------|------------------------------------------|------------------|------------|-----------|------------------------------------------------------|-------------------------------------------------------------|--|
| mat'l code  |                |    |      | tolerances unless<br>otherwise specified |                  | CUSTOMER   |           | FCI<br>www.fciconnect.com                            |                                                             |  |
| lfr         | ecn no.        | dr | date | linear                                   | 0.X $\pm 0.3$    | COPY       |           | title METRAL SIGNAL HEADER<br>1 MOD, 4 ROW PRESS-FIT |                                                             |  |
| AJ          |                |    |      |                                          | 0.XX $\pm 0.13$  | projection |           |                                                      |                                                             |  |
|             |                |    |      |                                          | .XXX $\pm .051$  |            |           |                                                      |                                                             |  |
|             |                |    |      | angles                                   | 0° $\pm 2^\circ$ |            |           |                                                      |                                                             |  |
|             |                |    |      | dr                                       | T.BRUNGARD       | 11/19/99   | MM        |                                                      | product family METRAL code 213<br>size dwg no 88921 sheet 6 |  |
|             |                |    |      | engr                                     | M.STRAWSE        | 11/19/99   |           |                                                      |                                                             |  |
|             |                |    |      | chr                                      | M.STRAWSE        | 11/19/99   | scale 1:1 |                                                      |                                                             |  |
|             |                |    |      | appd                                     | M.STRAWSE        | 02/29/00   |           |                                                      |                                                             |  |
| sheet index | revision sheet |    |      |                                          |                  |            |           |                                                      |                                                             |  |



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

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- 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.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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