

| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
| F31       |     | REVISED PER ECO-15-012265 | 24AUG2015 | DLD | DCM  |
| F32       |     | REVISED PER ECO-16-003418 | 08MAR2016 | DLD | DCM  |
|           |     |                           |           |     |      |
|           |     |                           |           |     |      |

- 1

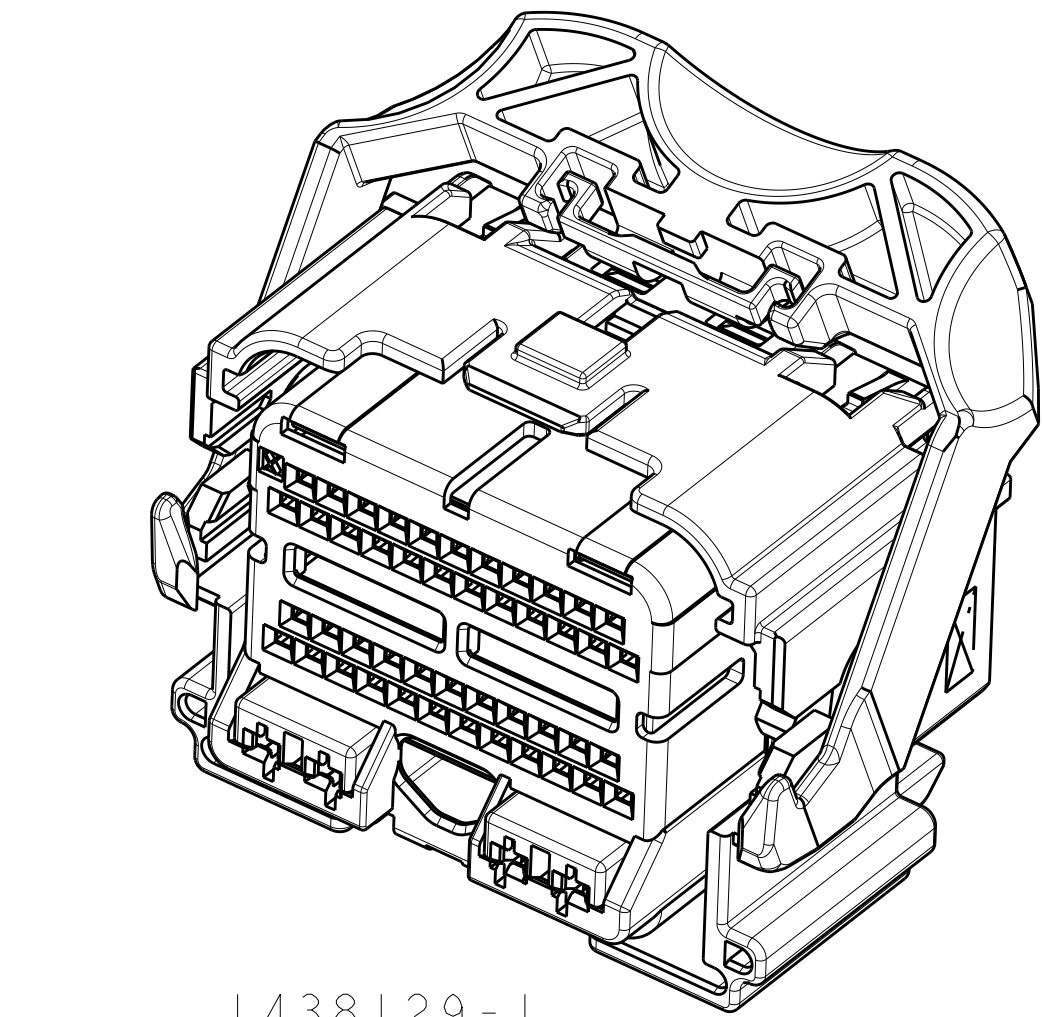
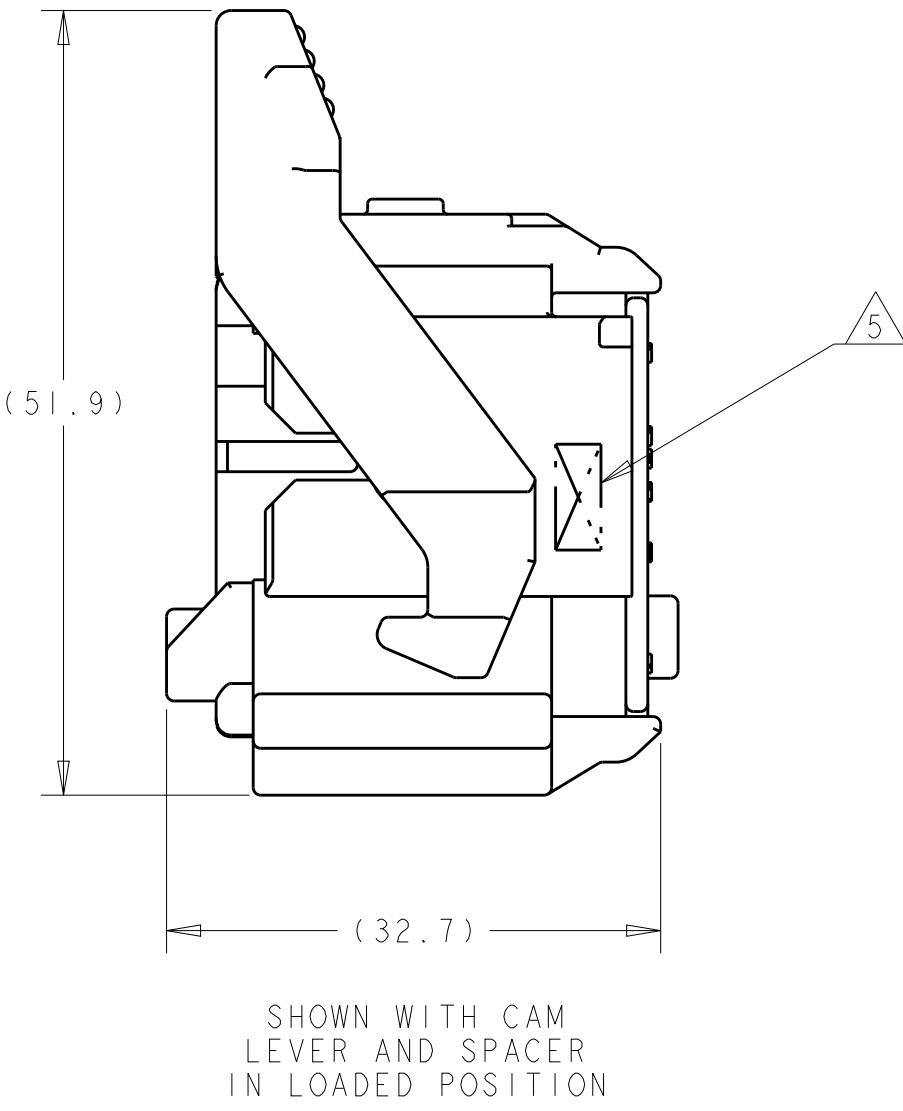
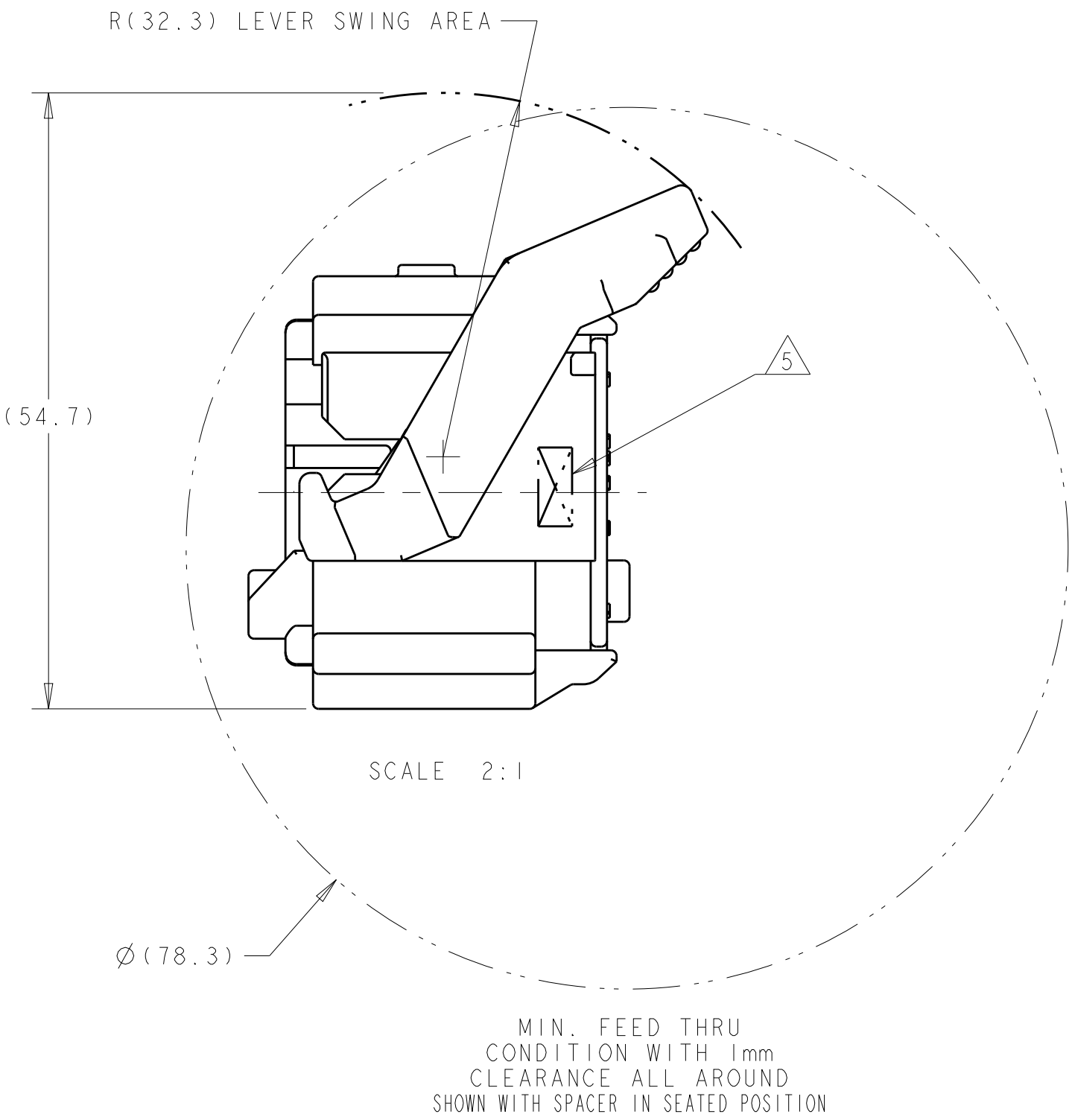
PRINT PART NUMBER (5S4T-14A464-L\*-\*\*\*, 5S4T-14A464-M\*-\*\*\*, 5S4T-14A464-N\*-\*\*\*) AND TRACEABILITY (YY : 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR CODE IN THE LOCATION AT ASSEMBLY. SEE SHEET 3 THRU 7 (-\*) PART NUMBERS.
2.

APPLICABLE MOLEX (1.5) POWER TERMINAL PART NUMBERS:  
33012-0002 TIN 0.50-1.50mm<sup>2</sup>
3.

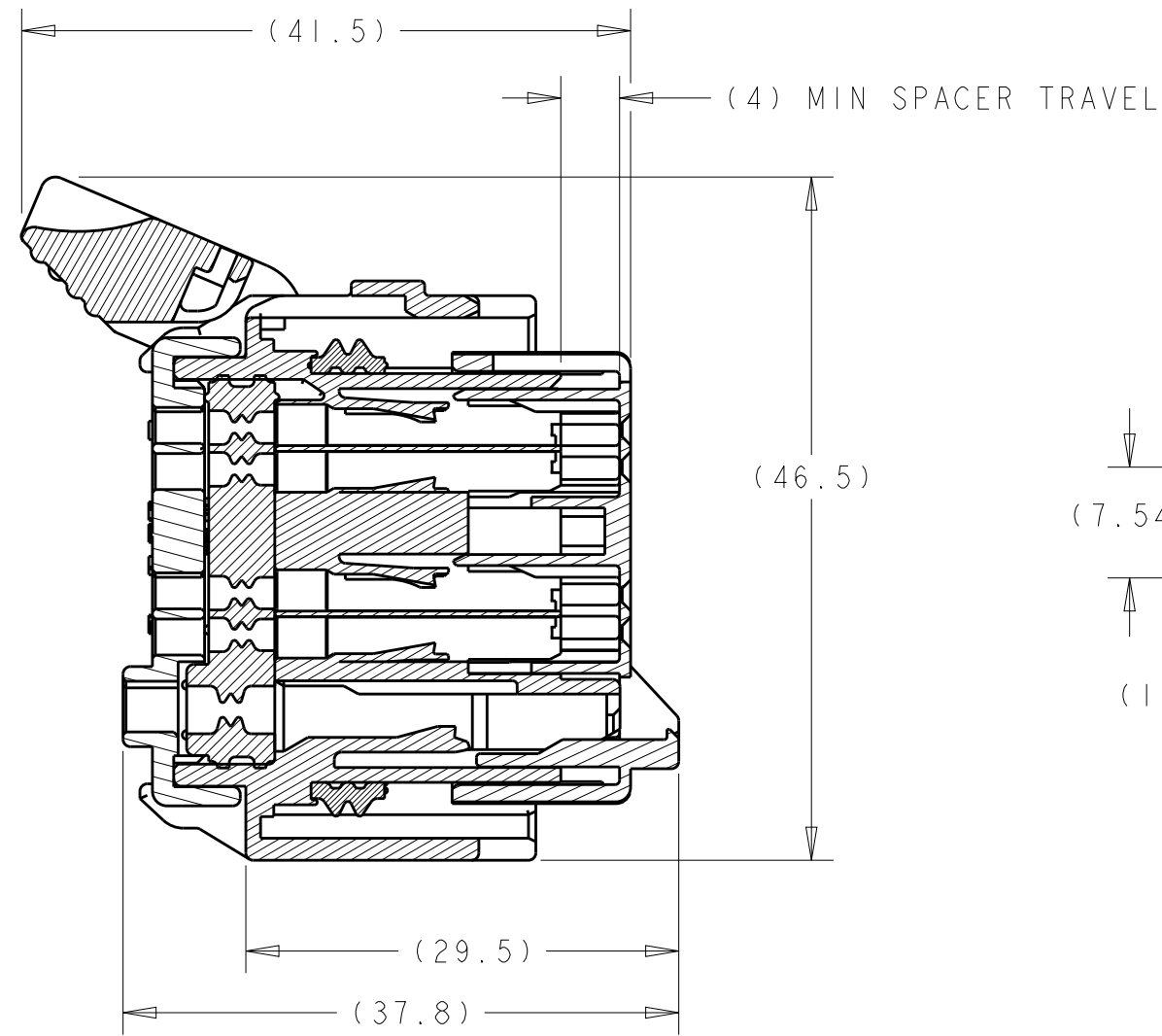
CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.
4.

REFERENCE TE CONNECTIVITY INSTRUCTION SHEET 408-8893.
- 5

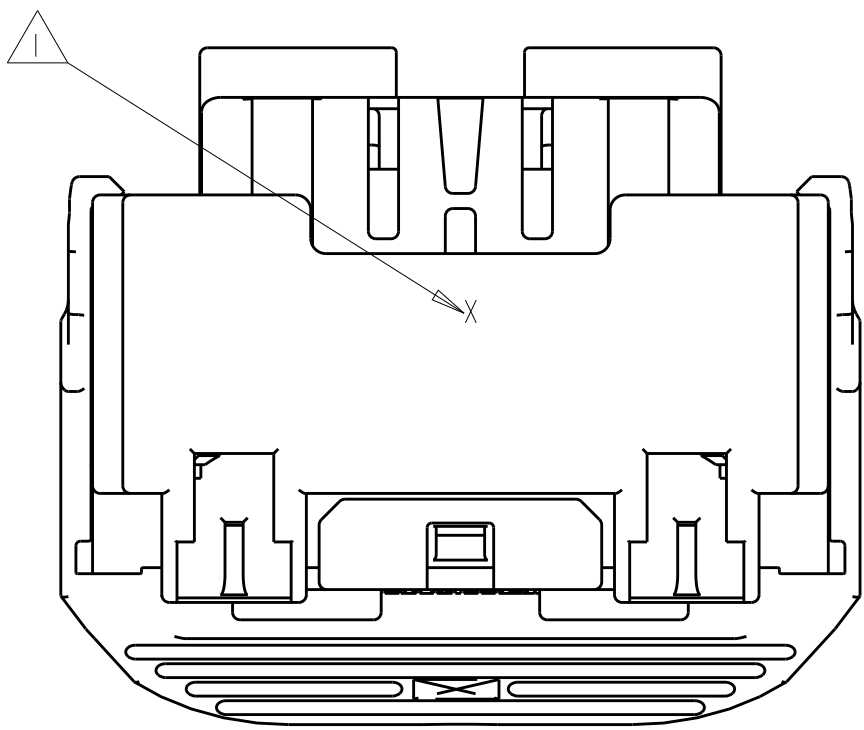
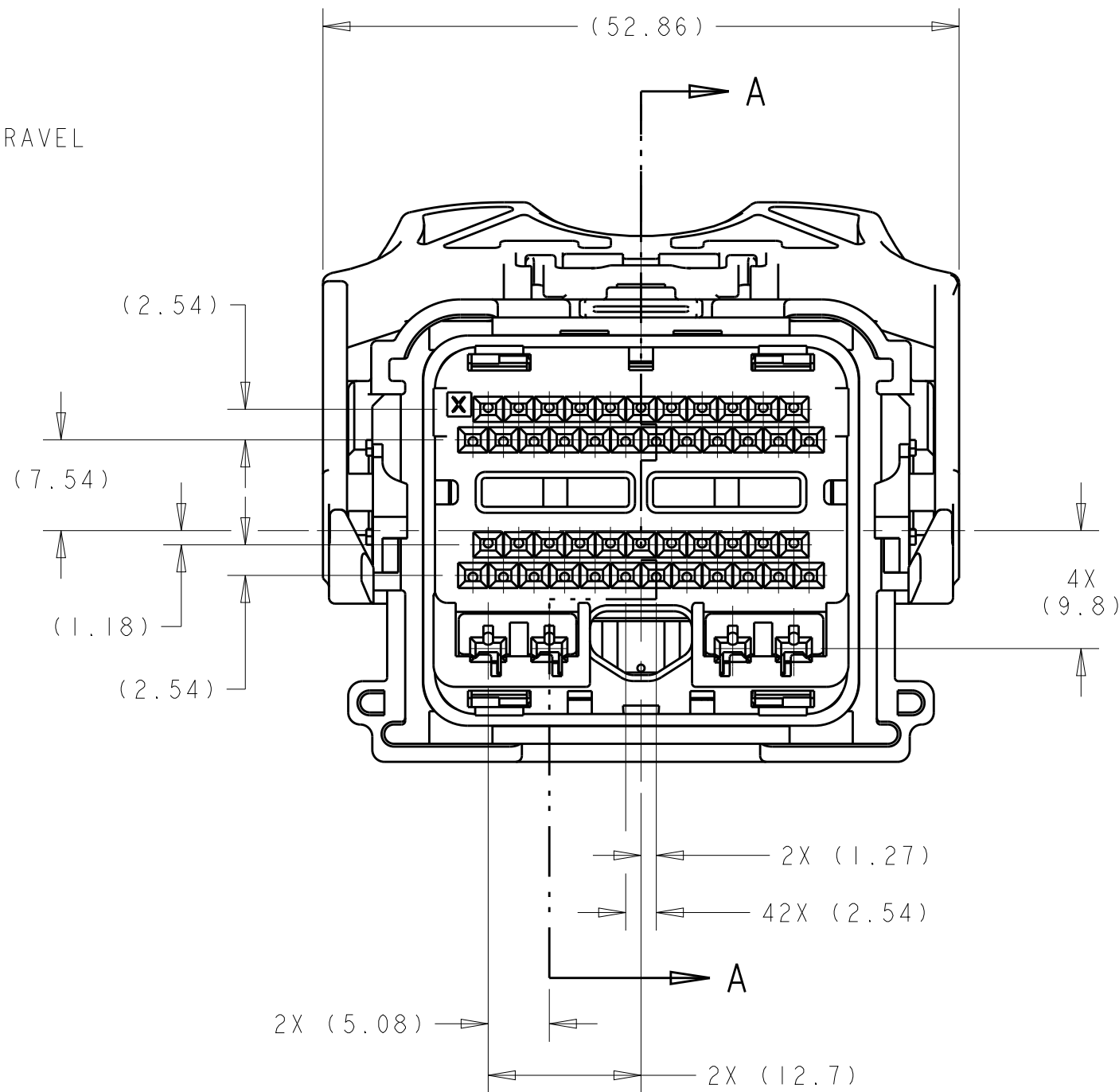
COMPANY LOGO.



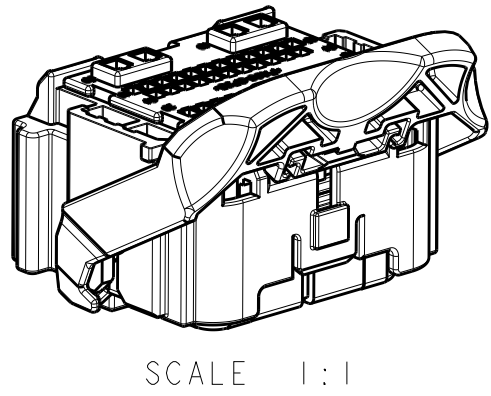
1438129-1  
SHOWN WITH SPACER  
IN SEATED POSITION



SECTION A-A  
SPACER AND LEVER IN  
PRE-SEATED POSITION  
(DELIVERY CONDITION)

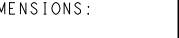


| APPLICABLE COMPONENTS (FOR REFERENCE ONLY) |                          |                   |                               |                         |                                  |                  |
|--------------------------------------------|--------------------------|-------------------|-------------------------------|-------------------------|----------------------------------|------------------|
| DESCRIPTION                                | NOMINAL<br>TERMINAL SIZE | COLOR/<br>PLATING | FORD COMPONENT<br>PART NUMBER | SUPPLIER<br>PART NUMBER | MATERIAL/SPECIFICATION<br>NUMBER | SAE<br>WIRE SIZE |
| TERMINAL - FEMALE (Ag)                     | 0.64 (CAT. 0)            | SILVER            | 7S4T-14474-AA                 | 1393366-2               | COPPER ALLOY/SILVER PLATE        | 20AWG            |
|                                            |                          |                   |                               |                         |                                  | 18AWG            |
| TERMINAL - FEMALE (Ag)                     | 0.64 (CAT. 0)            | SILVER            | 7S4T-14474-BA                 | 1393367-2               | COPPER ALLOY/SILVER PLATE        | 22AWG            |
|                                            |                          |                   |                               |                         |                                  |                  |
| TERMINAL - FEMALE (Sn)                     | 0.64 (CAT. 0)            | TIN               | 1L2T-14474-AA                 | 1393366-1               | COPPER ALLOY/TIN PLATE           | 20AWG            |
|                                            |                          |                   |                               |                         |                                  | 18AWG            |
| TERMINAL - FEMALE (Sn)                     | 0.64 (CAT. 0)            | TIN               | 1L2T-14474-BA                 | 1393367-1               | COPPER ALLOY/TIN PLATE           | 22AWG            |
|                                            |                          |                   |                               |                         |                                  |                  |
| TERMINAL - FEMALE (Au)                     | 0.64 (CAT. 0)            | GOLD              | 1L2T-14474-CA                 | 1393365-1               | COPPER ALLOY/GOLD PLATE          | 20AWG            |
|                                            |                          |                   |                               |                         |                                  | 18AWG            |
| TERMINAL - FEMALE (Au)                     | 0.64 (CAT. 0)            | GOLD              | 1L2T-14474-DA                 | 1393364-1               | COPPER ALLOY/GOLD PLATE          | 22AWG            |

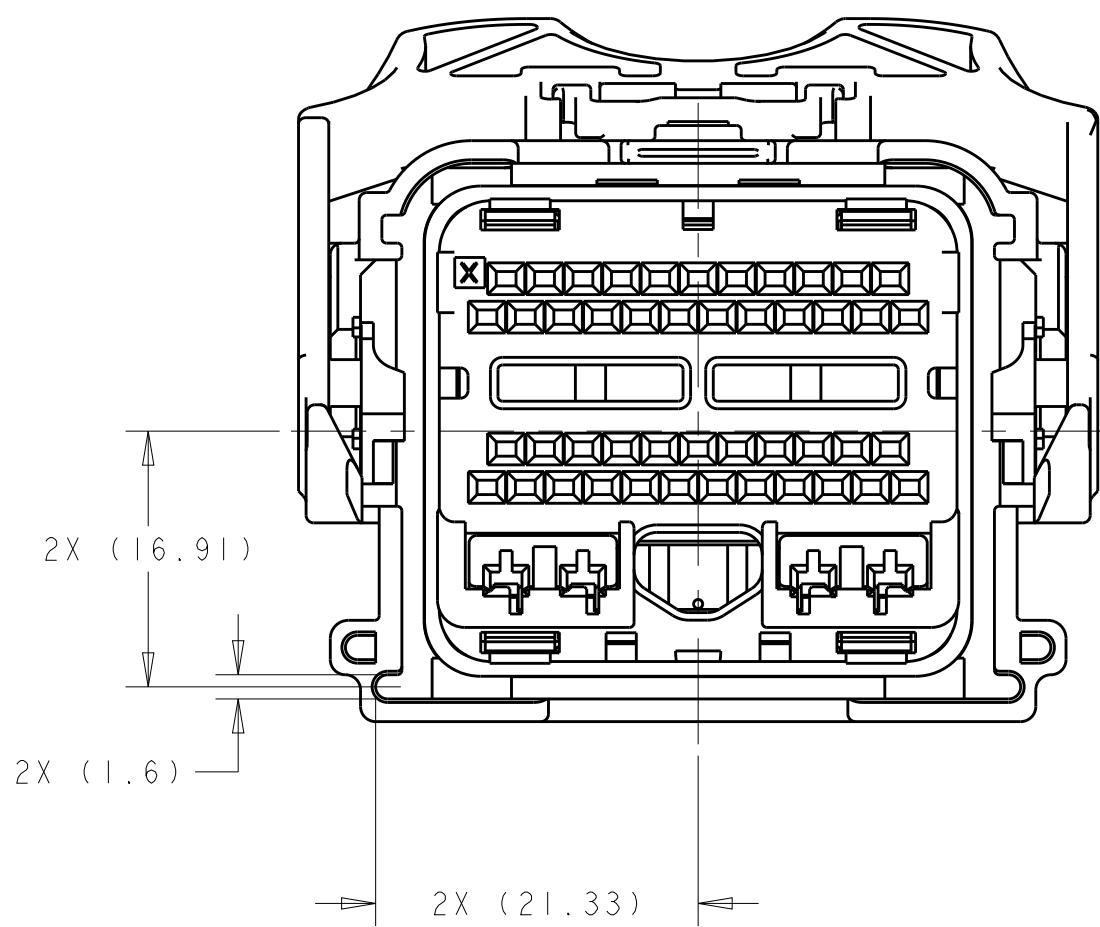
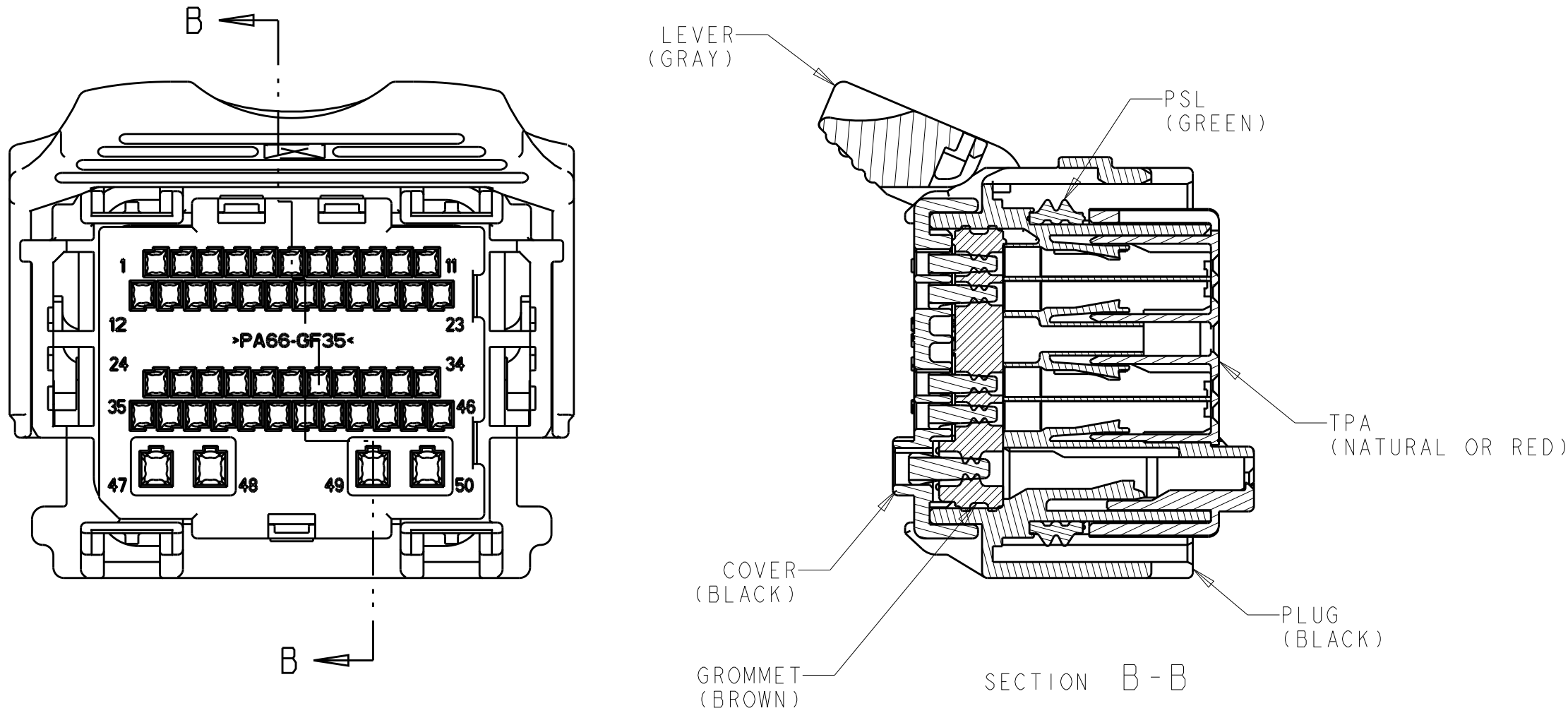


SCALE 1:1

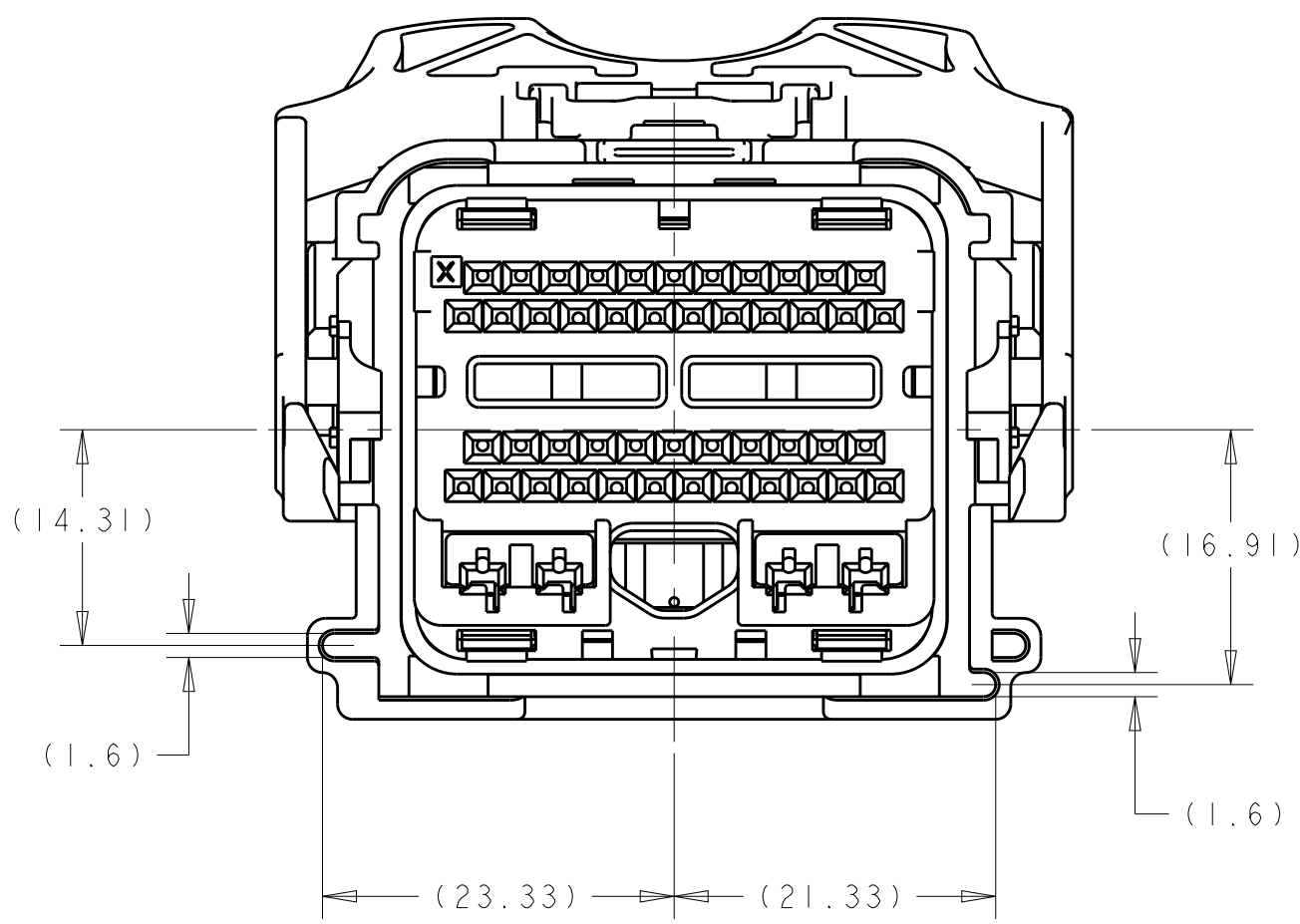
ANY DESIGN CHANGES ON THIS ASSEMBLY MAY  
ALSO BE REQUIRED ON ASSEMBLY DRAWING 1438691

|                                                                                        |  |  |                    |           |                                                                                                       |  |  |
|----------------------------------------------------------------------------------------|--|--|--------------------|-----------|-------------------------------------------------------------------------------------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                 |  |  | DWN<br>R. VESTAL   | 15APR2005 |  TE Connectivity |  |  |
| DIMENSIONS:                                                                            |  |  | CHK<br>T. VALASEK  | 15APR2005 |                                                                                                       |  |  |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                              |  |  | APVD<br>T. VALASEK | 15APR2005 |                                                                                                       |  |  |
| mm                                                                                     |  |  | NAME               |           |                                                                                                       |  |  |
|   |  |  | PRODUCT SPEC       |           | PCM<br>50-WAY HARNESS<br>ASSEMBLY                                                                     |  |  |
| 0 PLC ±.3<br>1 PLC ±0.3<br>2 PLC ±0.10<br>3 PLC ±.<br>4 PLC ±.<br>ANGLES ±1°<br>FINISH |  |  | APPLICATION SPEC   |           |                                                                                                       |  |  |
| MATERIAL                                                                               |  |  | WEIGHT             |           | SIZE CAGE CODE DRAWING NO                                                                             |  |  |
| -                                                                                      |  |  | -                  |           | A100779C=1438129                                                                                      |  |  |
| -                                                                                      |  |  | CUSTOMER DRAWING   |           | RESTRICTED TO                                                                                         |  |  |
|                                                                                        |  |  |                    |           | SCALE 1:1 SHEET 1 OF 10 REF 32                                                                        |  |  |

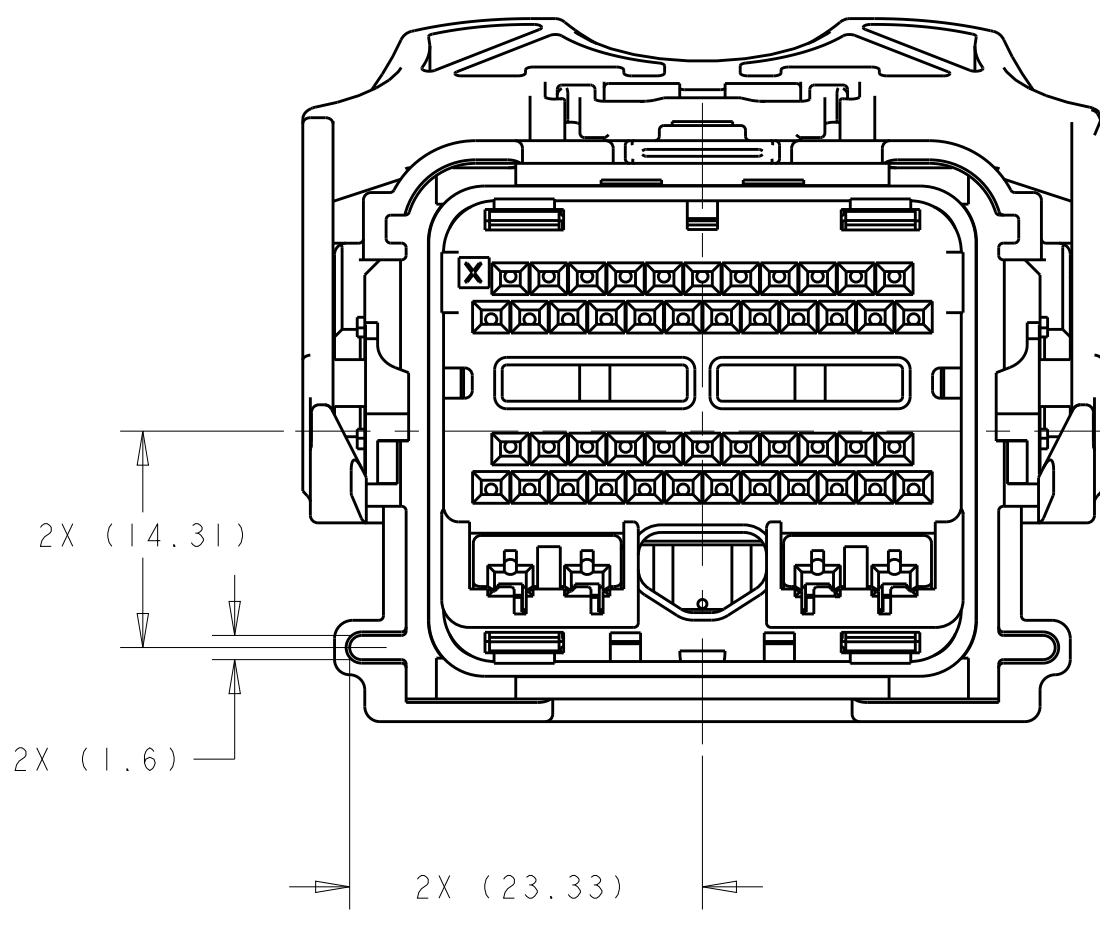
| REVISIONS |      |             |      |      |       |
|-----------|------|-------------|------|------|-------|
| P.        | LTR. | DESCRIPTION | DATE | DWN. | APVD. |
| -         | -    | SEE SHEET 1 | -    | -    | -     |
|           |      |             |      |      |       |
|           |      |             |      |      |       |



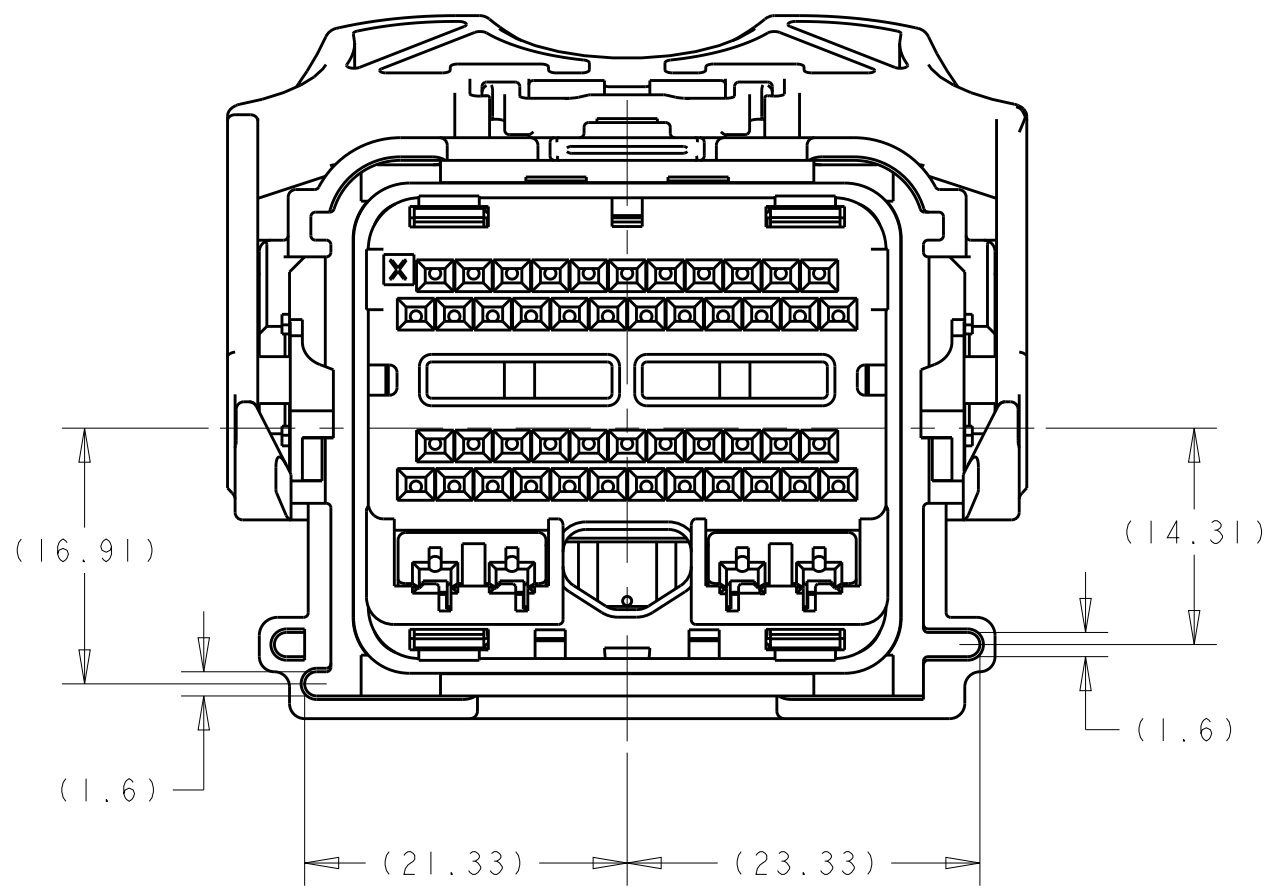
1438129-1  
KEYING OPTION "A"



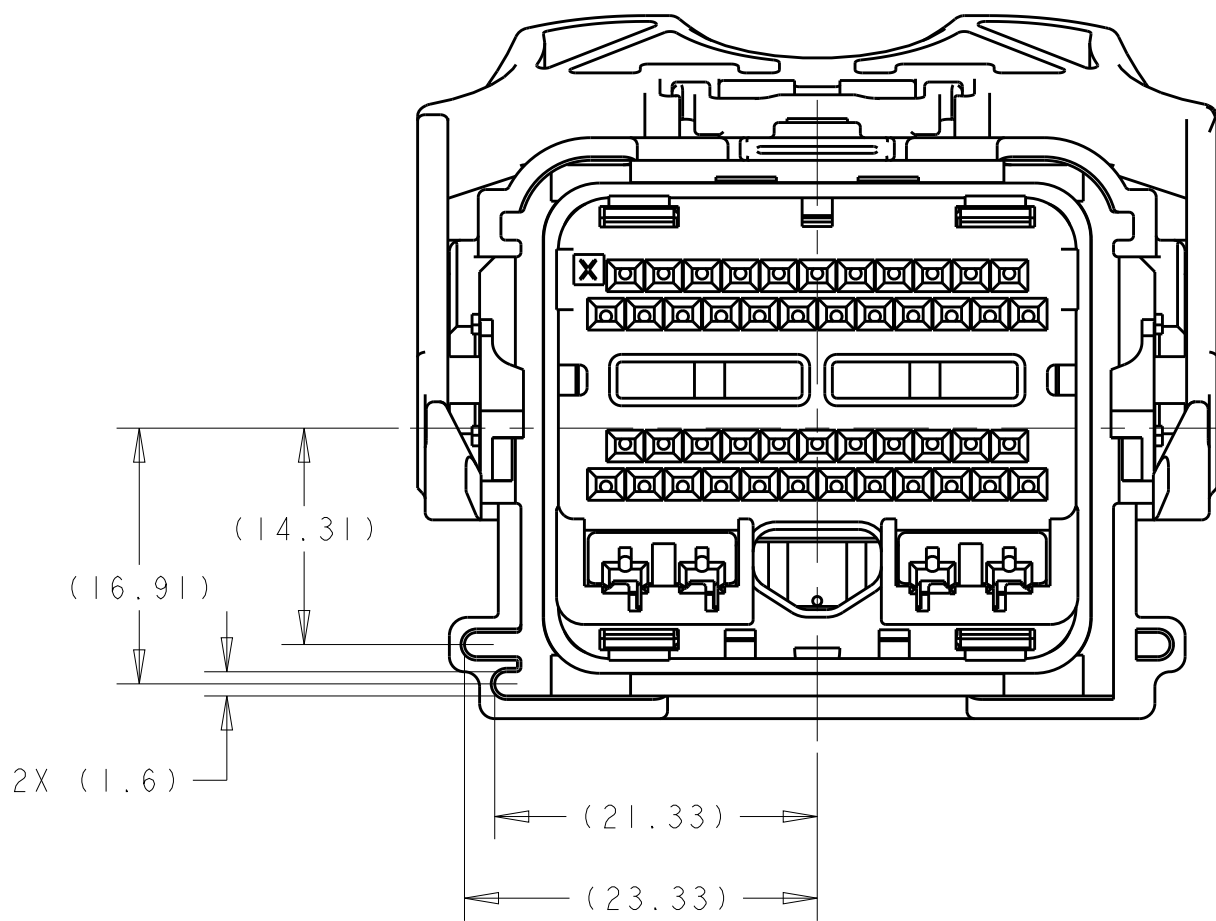
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KEYING OPTION "B"



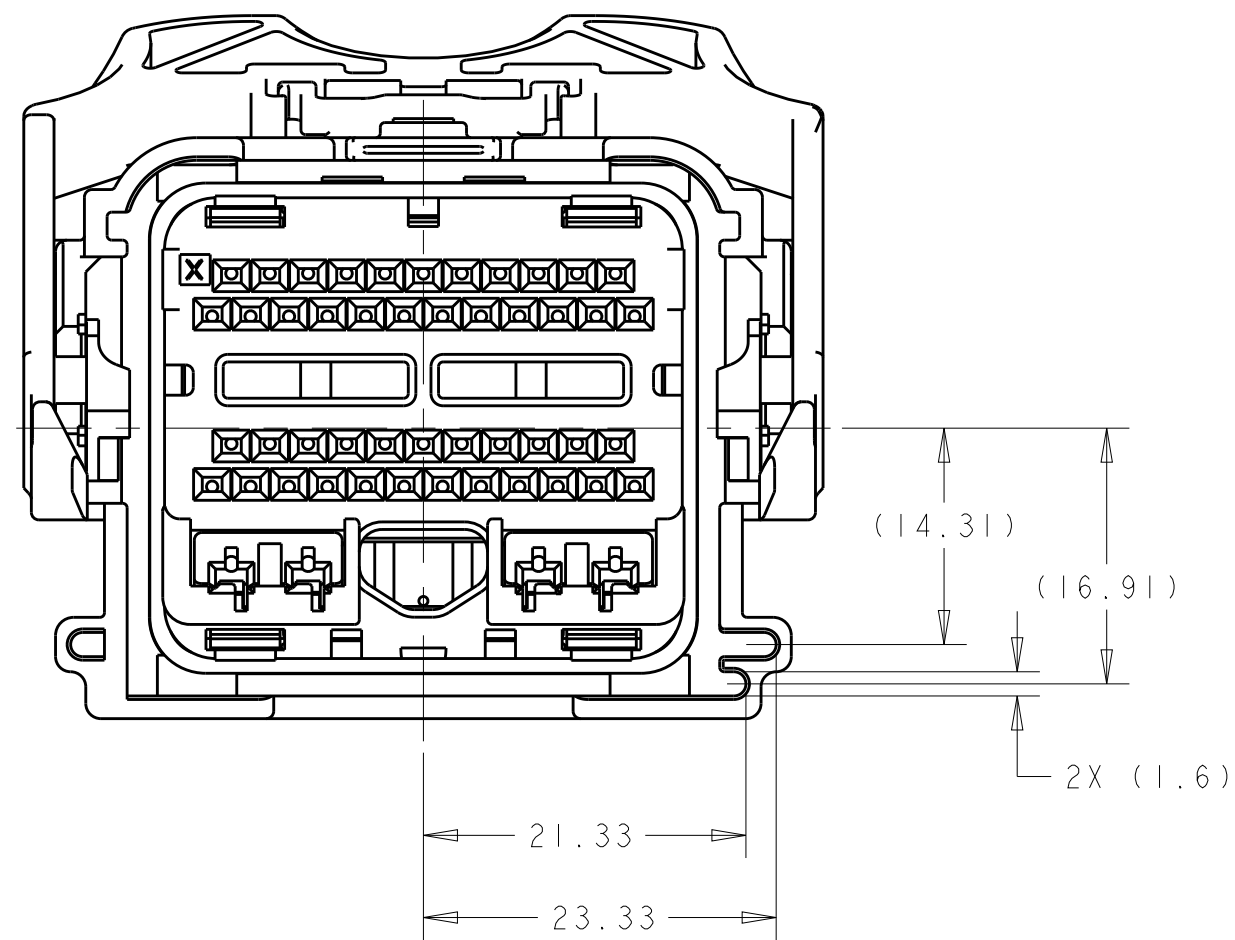
1438129-3  
KEYING OPTION "C"



1438129-4  
KEYING OPTION "D"



1438129-5  
KEYING OPTION "E"



1438129-6  
KEYING OPTION "F"

|                                        |                                                                                        |                                 |                                   |               |
|----------------------------------------|----------------------------------------------------------------------------------------|---------------------------------|-----------------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                        | DWN<br>R. VESTAL<br>15APR2005   | TE Connectivity                   |               |
| DIMENSIONS:                            |                                                                                        | CHK<br>T. VALASEK<br>15APR2005  |                                   |               |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                 | APVD<br>T. VALASEK<br>15APR2005 | NAME                              |               |
|                                        | 0 PLC ±.3<br>1 PLC ±0.3<br>2 PLC ±0.10<br>3 PLC ±.<br>4 PLC ±.<br>ANGLES ±1°<br>FINISH | PRODUCT SPEC                    | PCM<br>50-WAY HARNESS<br>ASSEMBLY |               |
| MATERIAL                               | -                                                                                      | APPLICATION SPEC                | SIZE                              | RESTRICTED TO |
| -                                      | -                                                                                      | WEIGHT                          | A100779C=1438129                  | -             |
| -                                      | -                                                                                      | CUSTOMER DRAWING                | SCALE                             | REV           |
|                                        |                                                                                        |                                 | 2:1                               | F32           |

|                                                                                       |  |                                         |  |                                                                                                                     |  |
|---------------------------------------------------------------------------------------|--|-----------------------------------------|--|---------------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>R. VESTAL 15APR2005              |  |  TE Connectivity               |  |
|                                                                                       |  | CHG<br>VALASEK 15APR2005                |  |                                                                                                                     |  |
| DIMENSIONS:                                                                           |  | TOLERANCES, UNLESS OTHERWISE SPECIFIED: |  | NAME                                                                                                                |  |
| mm                                                                                    |  |                                         |  | PCM<br>50-WAY HARNESS<br>ASSEMBLY                                                                                   |  |
|  |  | 0 PLC ±                                 |  | PRODUCT SPEC<br>-<br>APPLICATION SPEC<br>-<br>SIZE CASE CODE DRAWING NO<br>A1 00779 C 1438129<br>RESTRICTED TO<br>- |  |
|                                                                                       |  | 1 PLC ±0.3                              |  |                                                                                                                     |  |
|                                                                                       |  | 2 PLC ±0.10                             |  |                                                                                                                     |  |
|                                                                                       |  | 4 PLC ±                                 |  |                                                                                                                     |  |
| ANGLES ±1°                                                                            |  | FINISH                                  |  |                                                                                                                     |  |
| MATERIAL                                                                              |  |                                         |  | WEIGHT                                                                                                              |  |
| -                                                                                     |  | -                                       |  | -                                                                                                                   |  |
|                                                                                       |  |                                         |  | CUSTOMER DRAWING                                                                                                    |  |
|                                                                                       |  |                                         |  | SCALE 1:1 SHEET 3 OF 10 REF 32                                                                                      |  |

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LYR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |

KEYING OPTION B

CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS

BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS

TERMINAL HOLE POSITION

5S4T-14A464-M\* PIN-OUT CHART

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
CHK  
T. VALASEK

15APR2005

DIMENSIONS:  
mm

0 PLC  
1 PLC  
2 PLC  
3 PLC  
4 PLC  
ANGLES  
FINISH

±  
±0.3  
±0.10  
±  
±1°  
-

MATERIAL  
-

1438129-9

8

3

1

1438129-9

5S4T-14A464-MA-002

PRODUCT SPEC  
-

APPLICATION SPEC  
-

WEIGHT  
-

CUSTOMER DRAWING

NAME  
PCM  
50-WAY HARNESS  
ASSEMBLY

SIZE  
A1

CAGE CODE  
100779

DRAWING NO  
C=1438129

RESTRICTED TO  
-

SCALE  
1:1

SHEET  
4

OF  
10

REV  
F32

TE Connectivity



[illegible]



| REVISIONS |      |             |      |      |       |
|-----------|------|-------------|------|------|-------|
| P.        | LTR. | DESCRIPTION | DATE | DWN. | APVD. |
| -         | -    | SEE SHEET 1 | -    | -    | -     |
|           |      |             |      |      |       |
|           |      |             |      |      |       |
|           |      |             |      |      |       |

KEYING OPTION C

CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS

BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS

TERMINAL HOLE POSITION

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|
| 50 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|

5S4T-14A464-N\* PIN-OUT CHART

ASSEMBLY  
PART  
NUMBER

FORD PART  
NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
R. VESTAL

CHK  
T. VALASEK

APVD  
T. VALASEK

15APR2005  
15APR2005  
15APR2005

DIMENSTIONS:  
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.3  
1 PLC ±0.3  
2 PLC ±0.10  
3 PLC ±.  
4 PLC ±.  
ANGLES ±1°  
FINISH -

PRODUCT SPEC  
APPLICATION SPEC  
WEIGHT  
CUSTOMER DRAWING

DRAWING NO  
100779

SCALE  
1:1

SHEET  
8

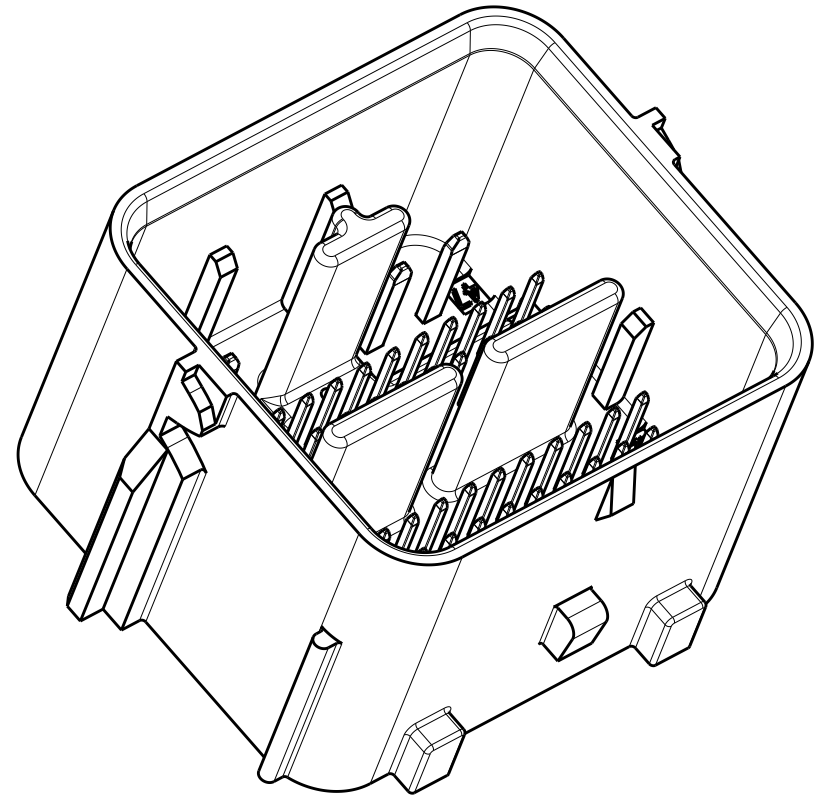
OF  
10

REV  
F32

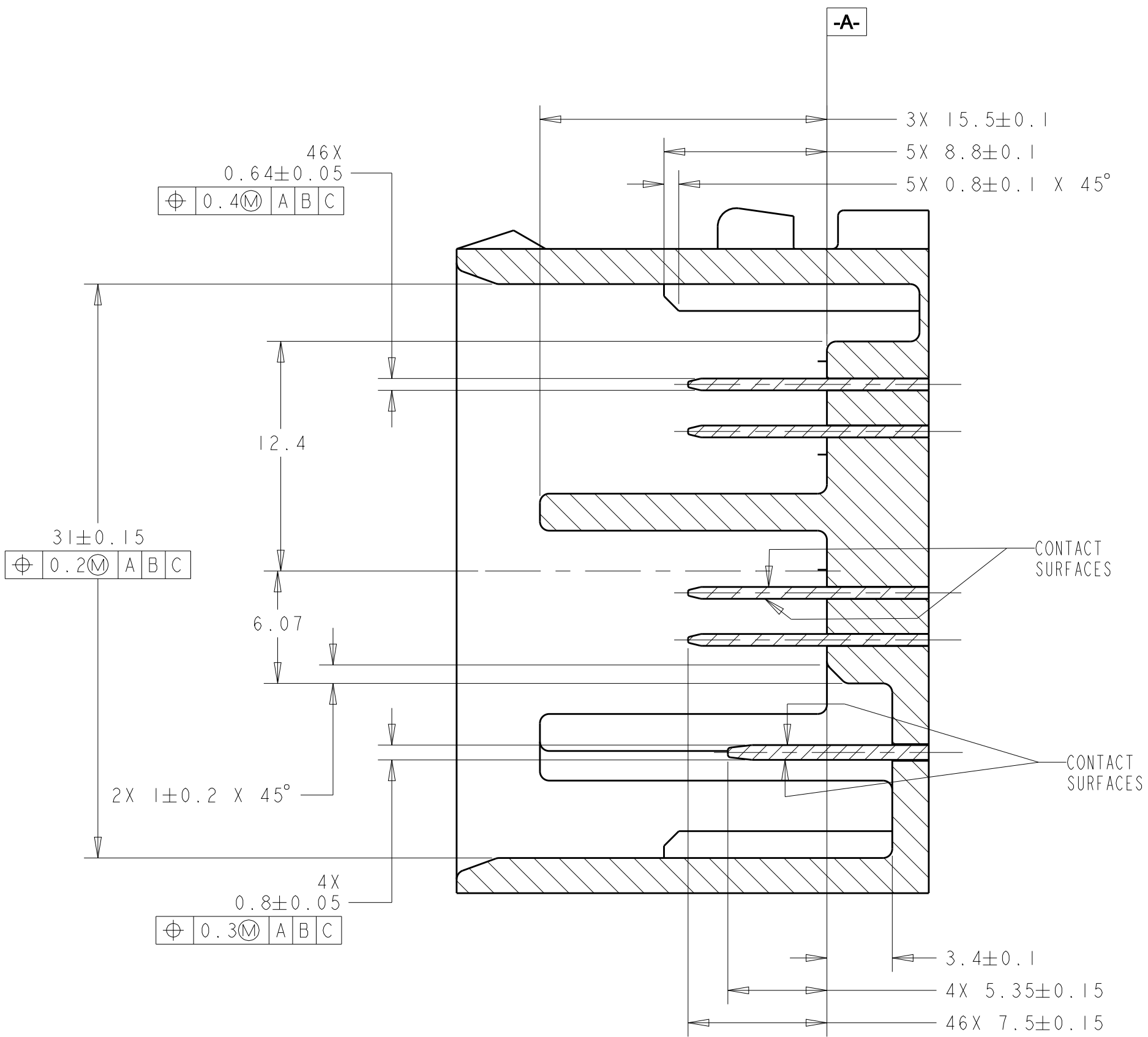
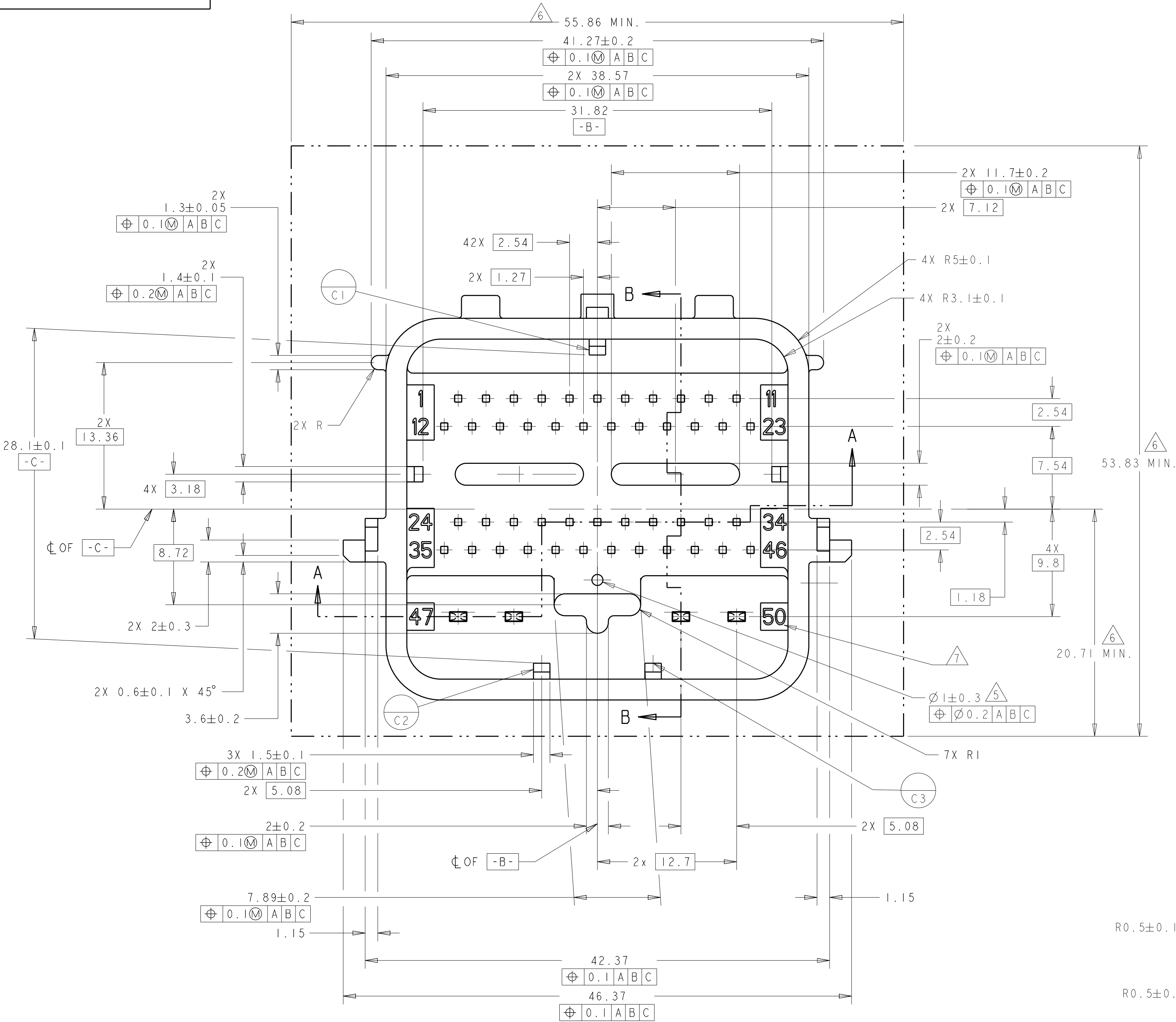
TE Connectivity

PCM  
50-WAY HARNESS  
ASSEMBLY

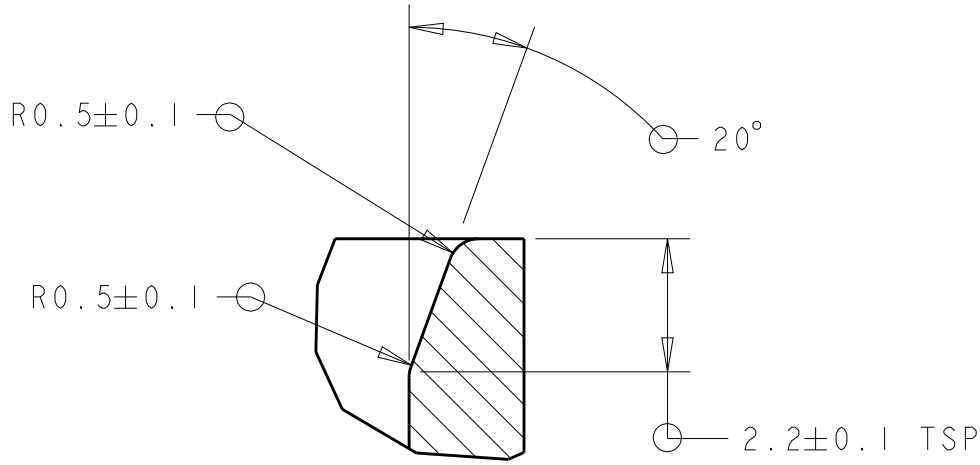
RESTRICTED TO



SCALE 2:1



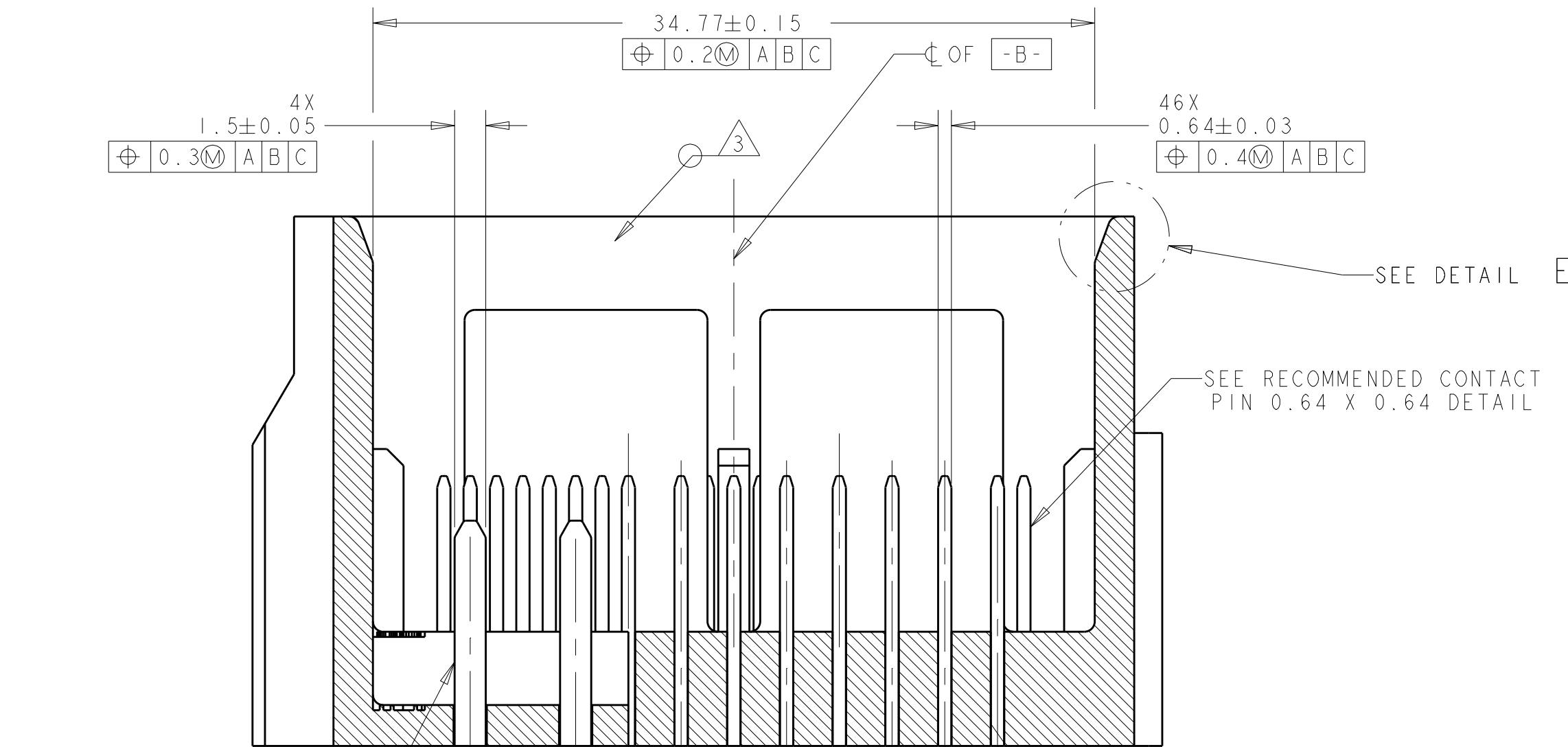
SECTION B-B



DETAIL E  
SCALE 8:1

NOTES: UNLESS OTHERWISE SPECIFIED

1. GENERAL TOLERANCE:  
±0.3 ALL ONE PLACE DIMENSIONS  
±0.10 ALL TWO PLACE DIMENSIONS  
±1°00' ALL ANGULAR DIMENSIONS
2. DRAFT ANGLE PERMISSIBLE ONLY WITHIN DRAWING TOLERANCE.
3. SEALING SURFACE, NO WITNESS LINES OR DAMAGE PERMITTED.
4. ALL UNMARKED RADIUS TO BE 0.5 MAX., UNLESS OTHERWISE SPECIFIED.
5. VENT HOLE SIZE AND LOCATION IS OPTIONAL.
6. THIS AREA TO REMAIN CLEAR FOR THE HARNESS ASSEMBLY.
7. TERMINAL POSITION IDENTIFICATION.
8. MATES WITH TYCO ELECTRONICS PART NUMBERS 1438129-# & 1438950-#



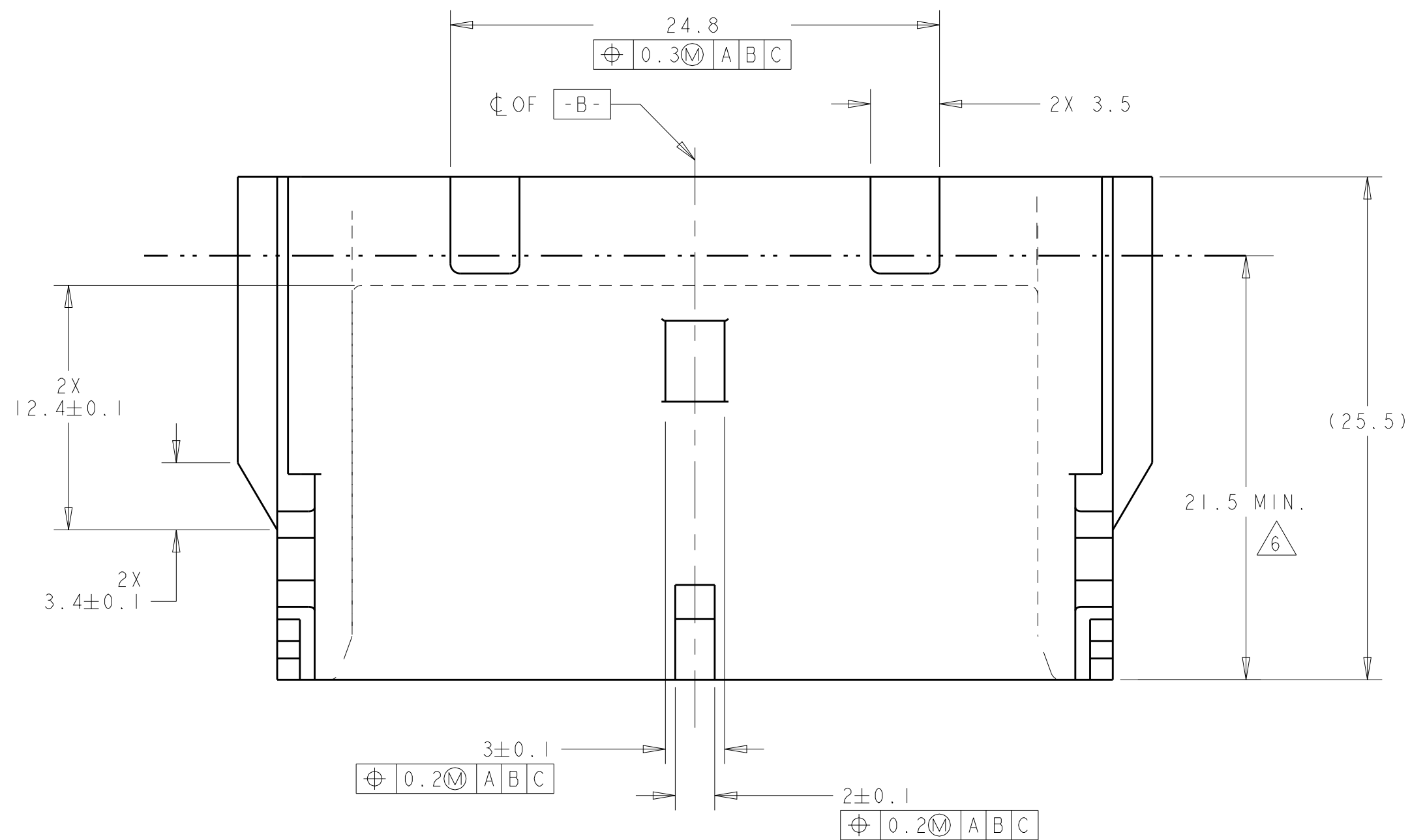
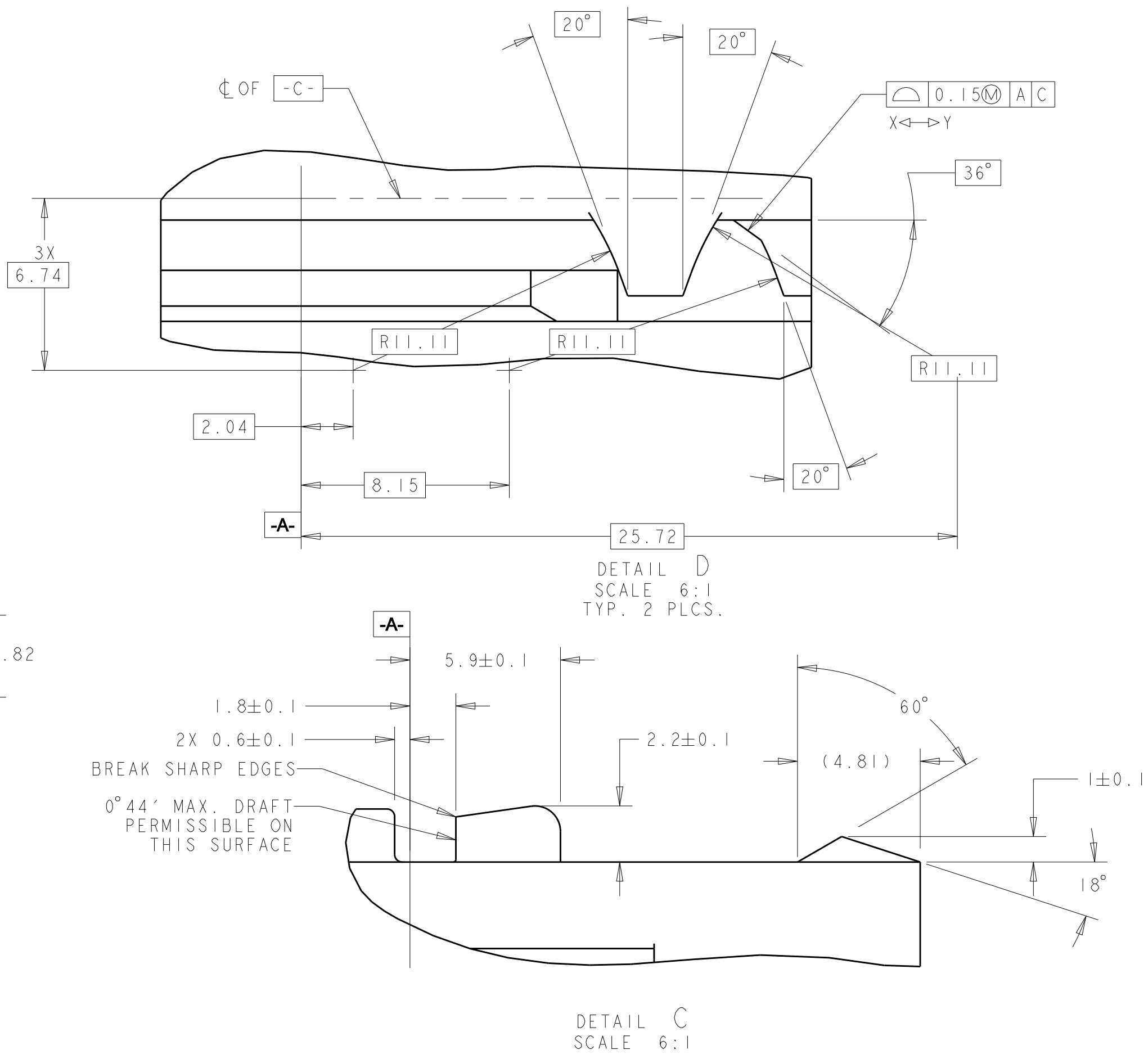
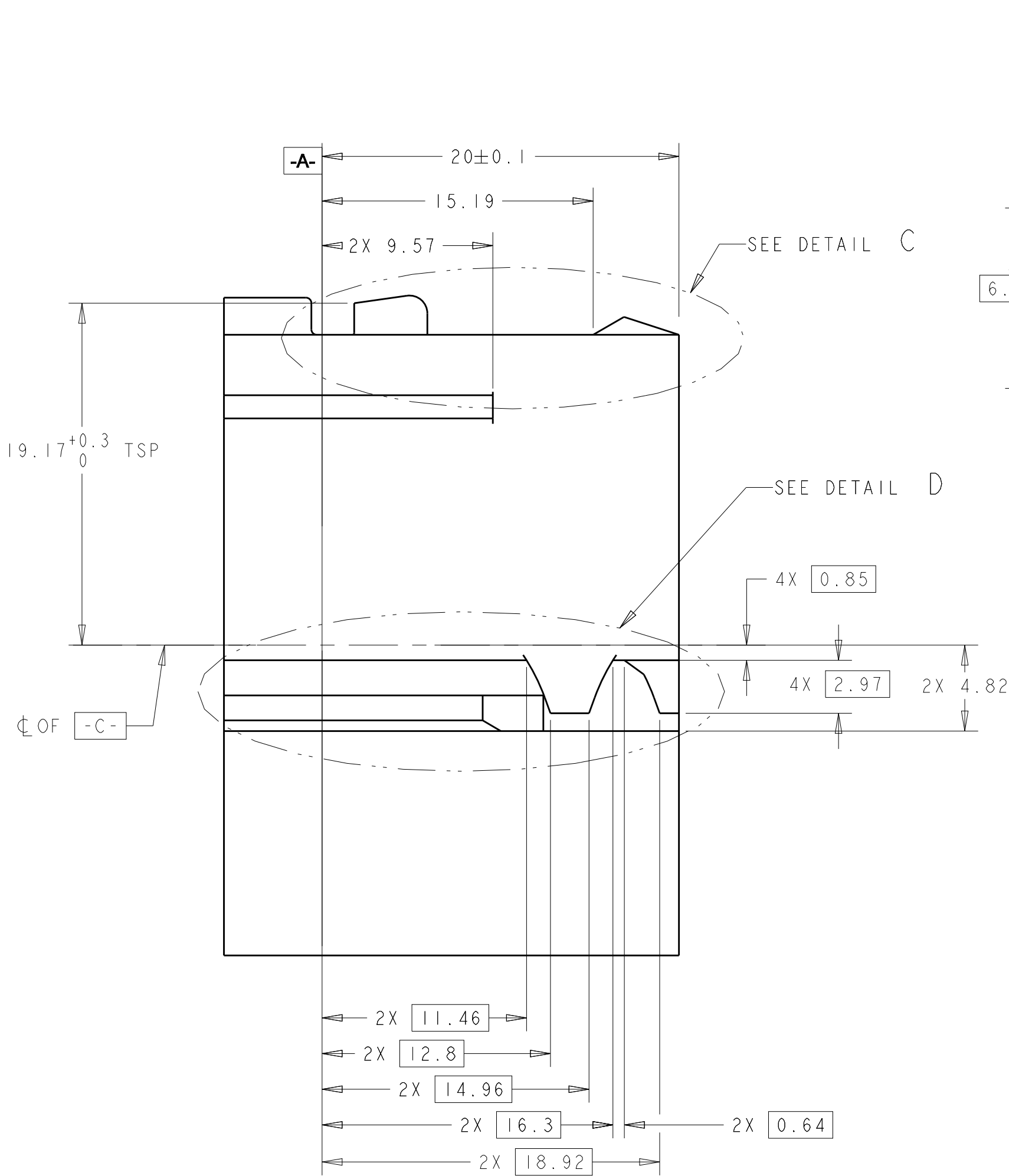
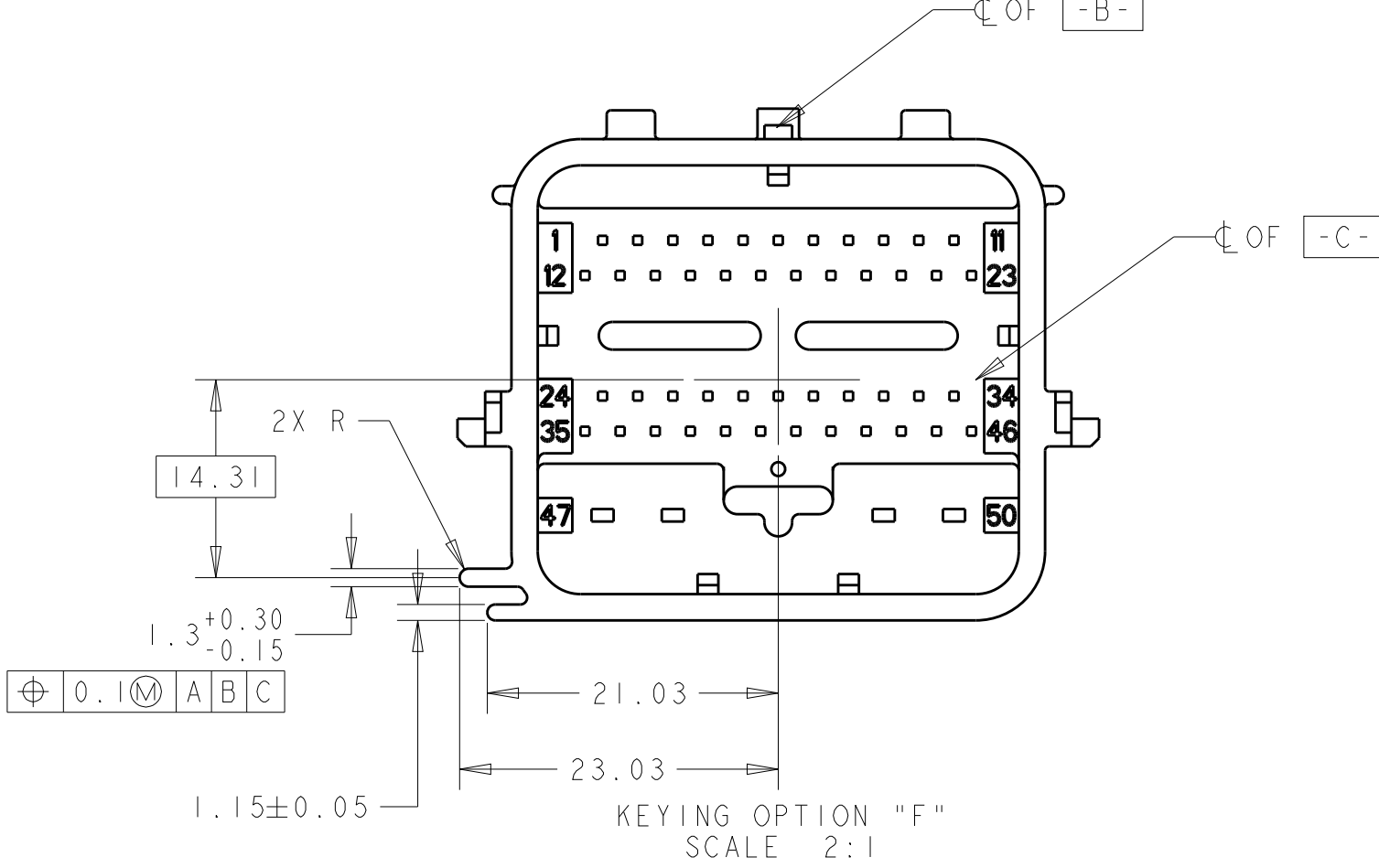
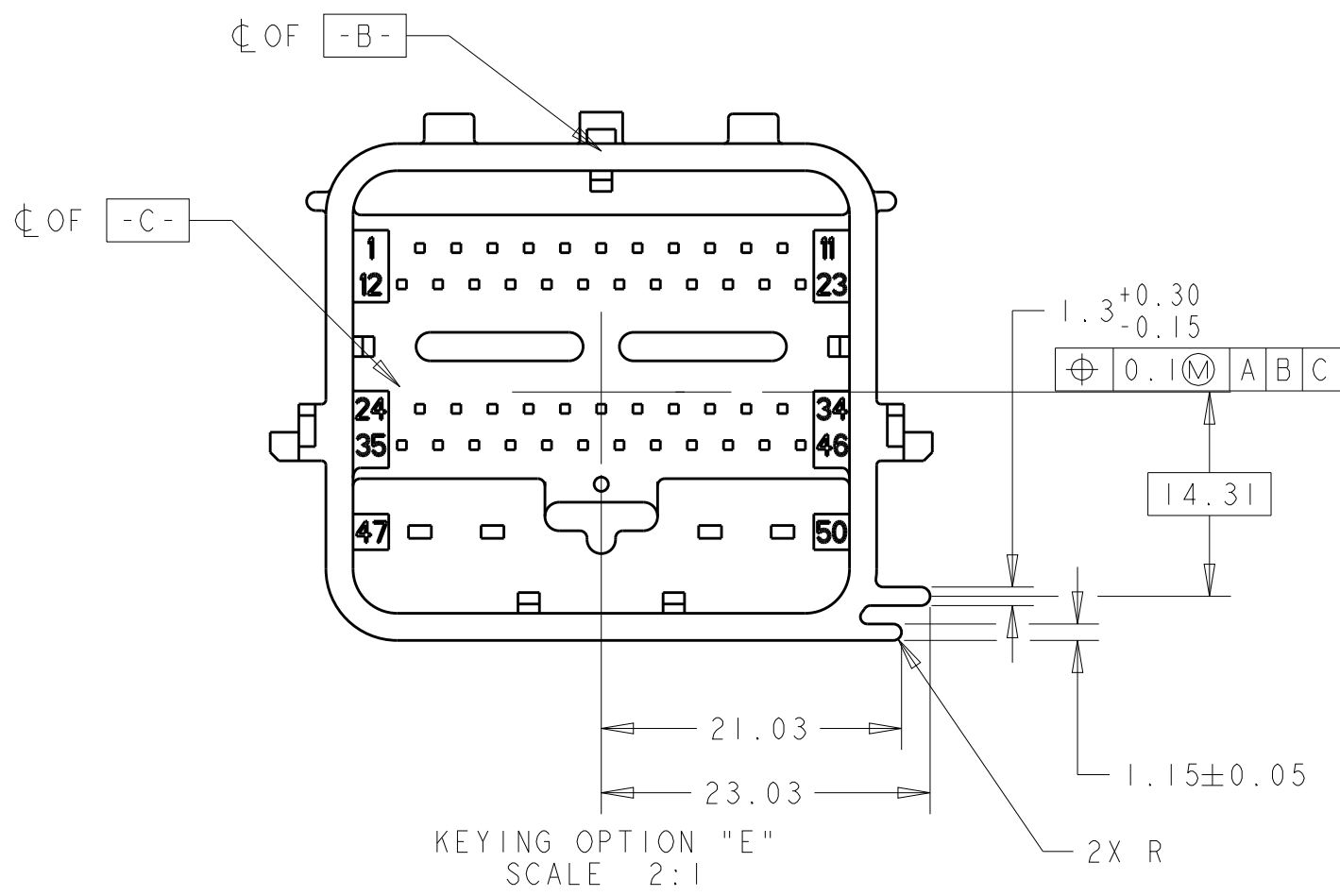
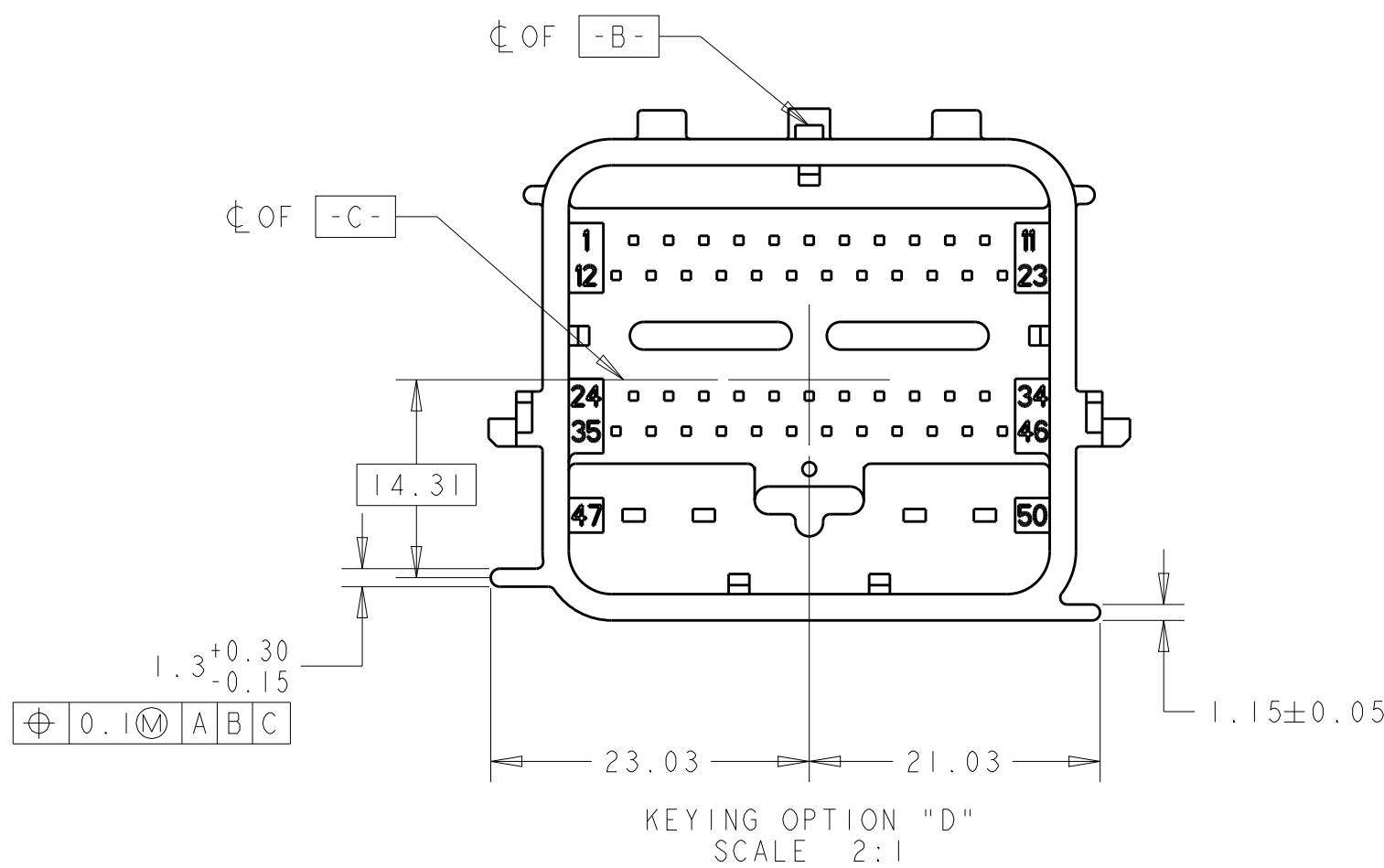
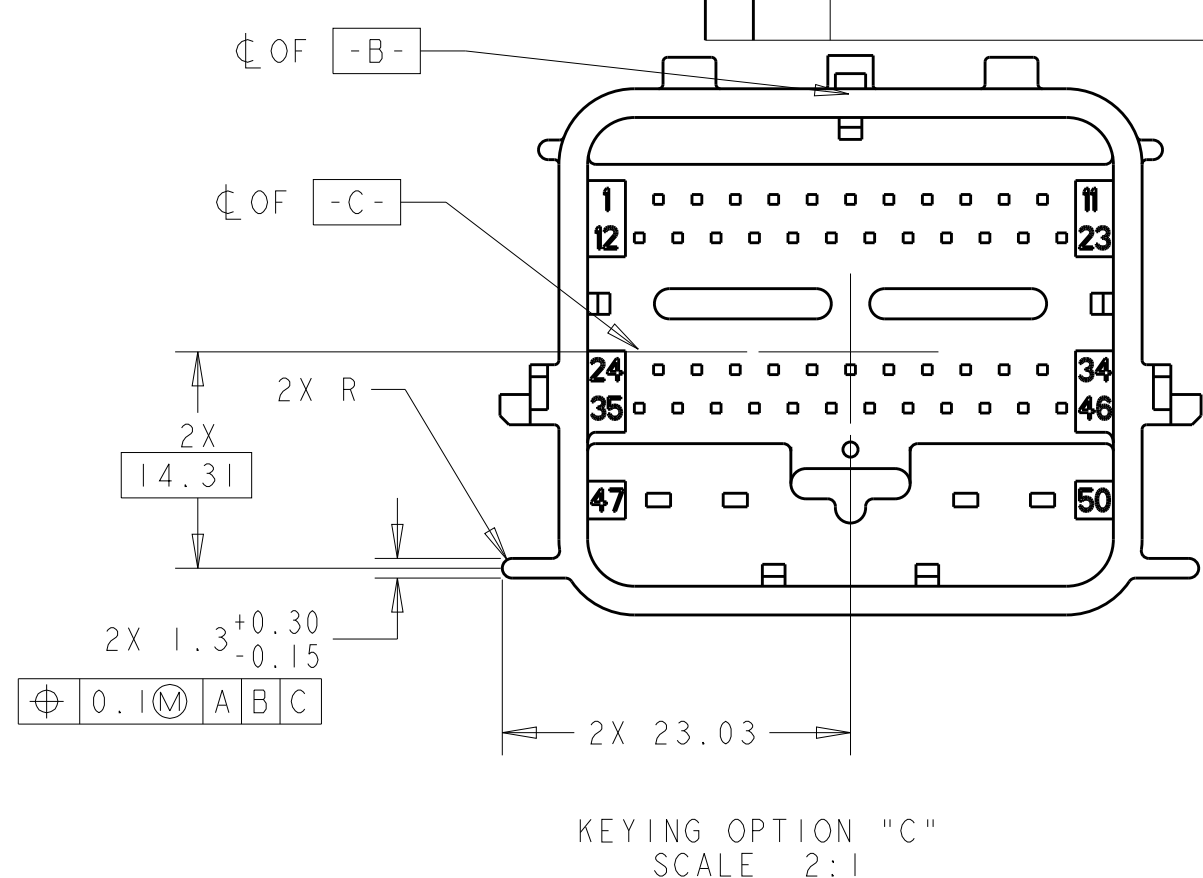
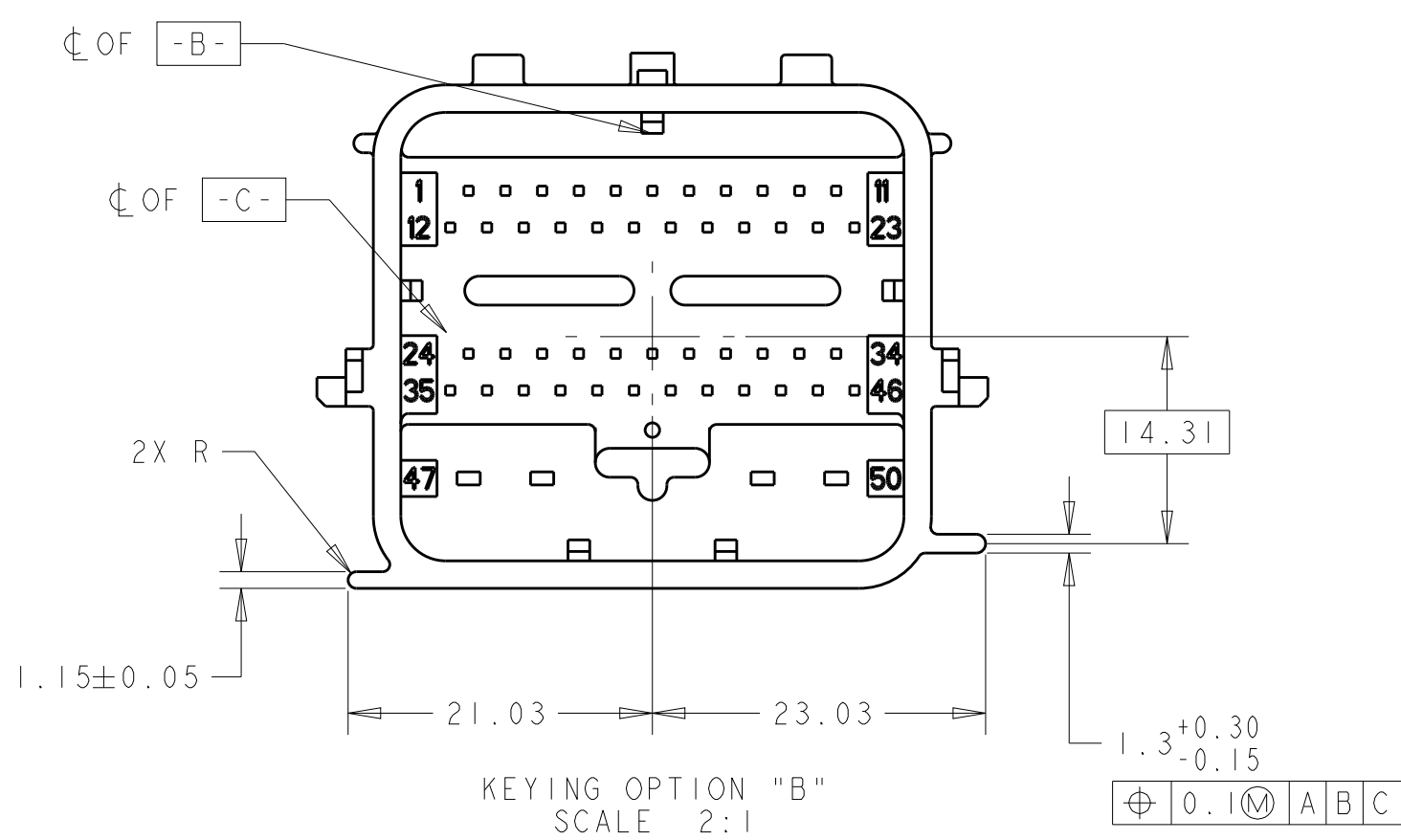
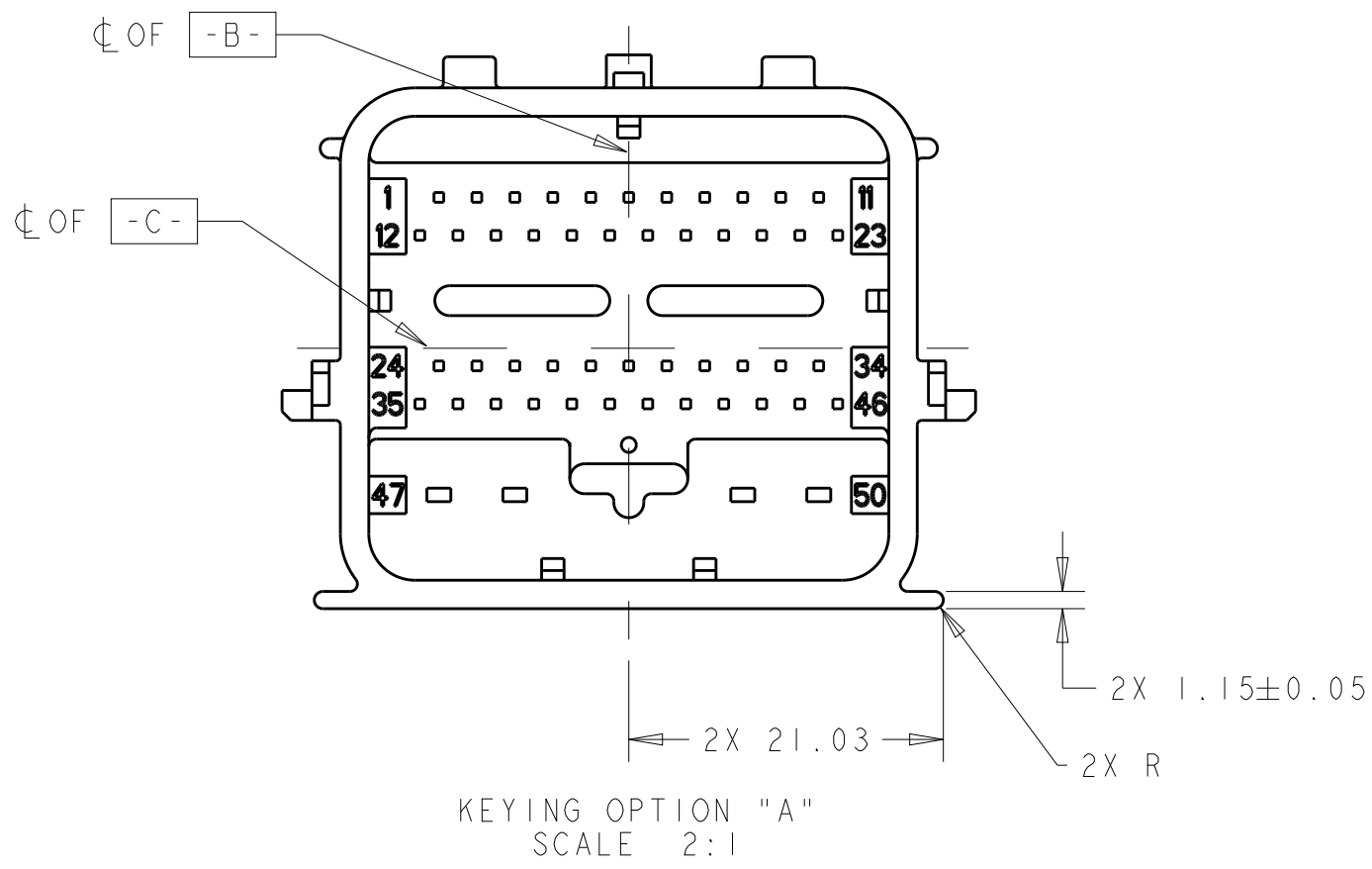
SECTION A-A

SEE RECOMMENDED CONTACT  
PIN 0.8 X 1.5 DETAIL

|                                        |  |                                                                              |           |                                           |  |
|----------------------------------------|--|------------------------------------------------------------------------------|-----------|-------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | OWN<br>R. VESTAL                                                             | 15APR2005 | NAME<br>PCM<br>50-WAY HARNESS<br>ASSEMBLY |  |
| DIMENSIONS:                            |  | CHK<br>T. VALASEK                                                            | 15APR2005 |                                           |  |
| mm                                     |  | APVD<br>T. VALASEK                                                           | 15APR2005 | SIZE<br>A100779                           |  |
|                                        |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                       |           | CAGE CODE<br>C=1438129                    |  |
|                                        |  | 0 PLC ±.3<br>1 PLC ±0.3<br>2 PLC ±0.10<br>3 PLC ±.<br>4 PLC ±.<br>ANGLES ±1° |           | RESTRICTED TO<br>-                        |  |
| MATERIAL                               |  | FINISH                                                                       |           | WEIGHT                                    |  |
| -                                      |  | -                                                                            |           | -                                         |  |
| -                                      |  | -                                                                            |           | CUSTOMER DRAWING                          |  |

HEADER INTERFACE KEYING OPTIONS

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LYR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |



|                                        |                                        |                           |                           |  |
|----------------------------------------|----------------------------------------|---------------------------|---------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN R. VESTAL 15APR2005   | TE Connectivity           |  |
| DIMENSIONS:                            |                                        | CHK T. VALASEK 15APR2005  |                           |  |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD T. VALASEK 15APR2005 | NAME                      |  |
|                                        | 0 PLC ±0.3                             | PRODUCT SPEC              | PCM                       |  |
|                                        | 1 PLC ±0.10                            | APPLICATION SPEC          | 50-WAY HARNESS ASSEMBLY   |  |
|                                        | 2 PLC ±0.10                            | WEIGHT                    | SIZE CAGE CODE DRAWING NO |  |
|                                        | 3 PLC ±0.10                            | CUSTOMER DRAWING          | A100779C=1438129          |  |
|                                        | 4 PLC ±0.10                            |                           | SHEET 10 OF 10            |  |
| ANGLES                                 | FINISH                                 |                           | SCALE 1:1                 |  |
|                                        |                                        |                           | REV F32                   |  |



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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