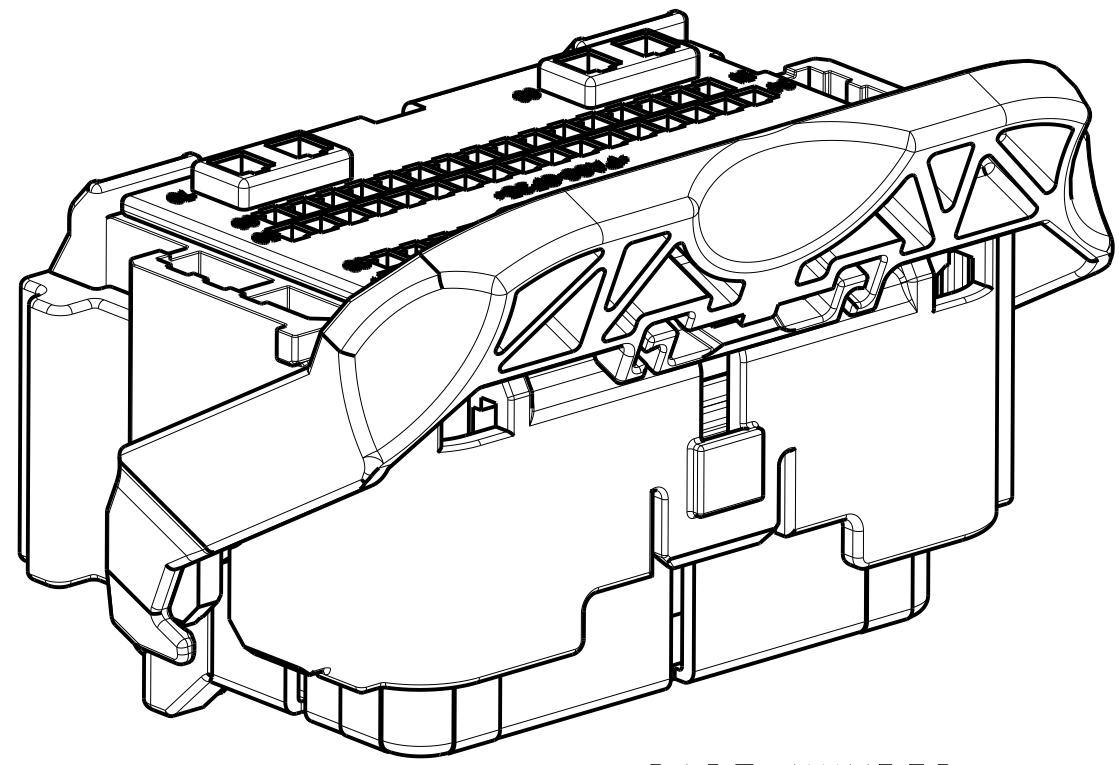
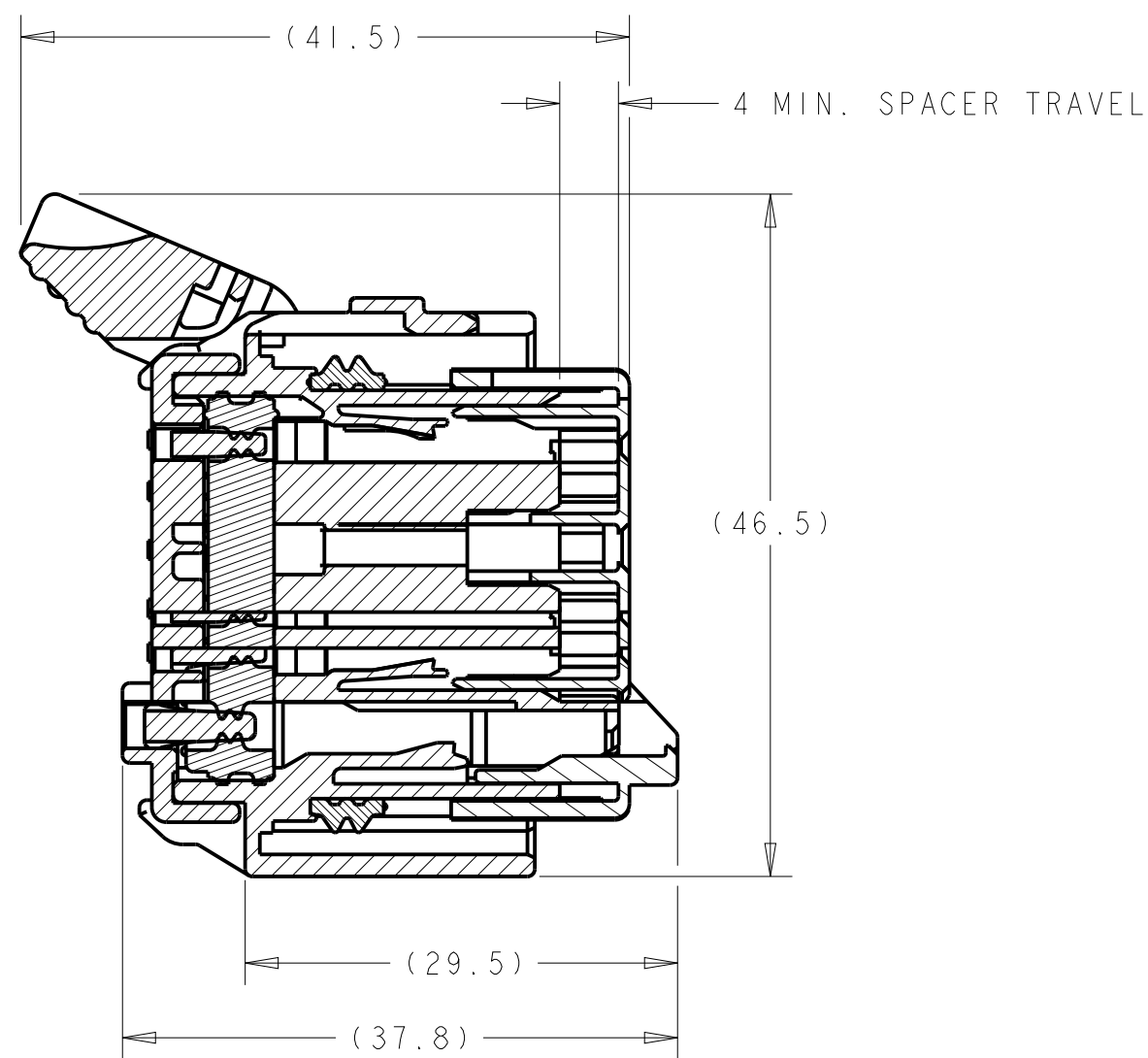
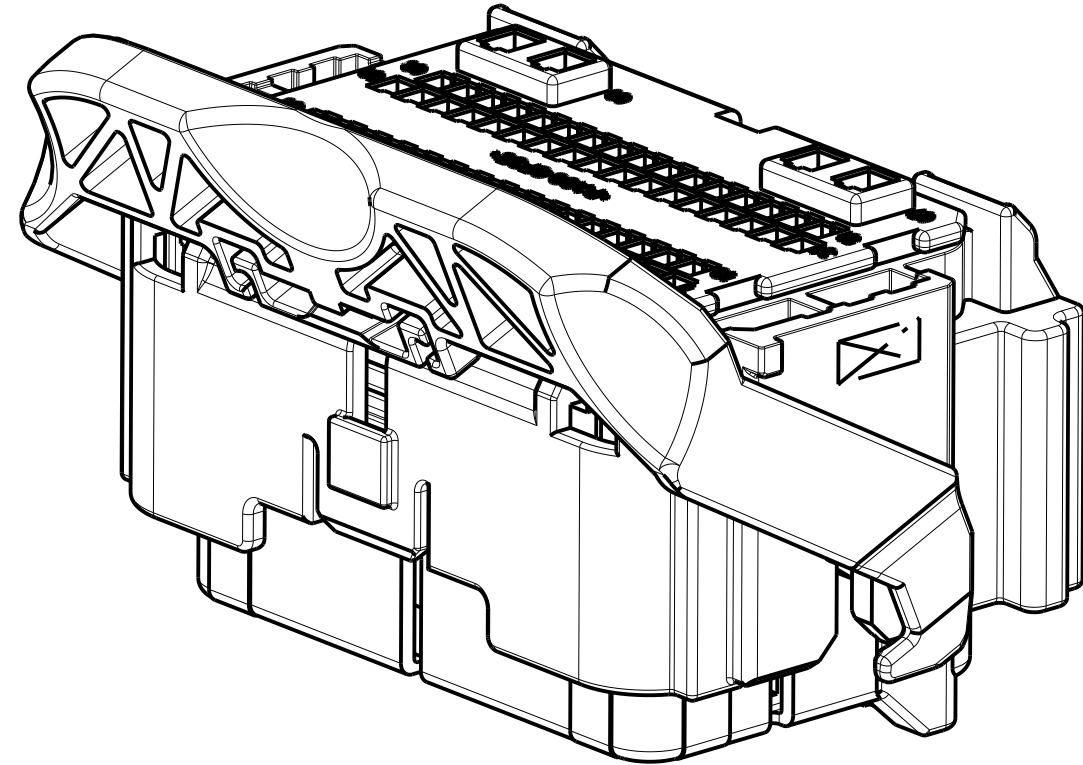
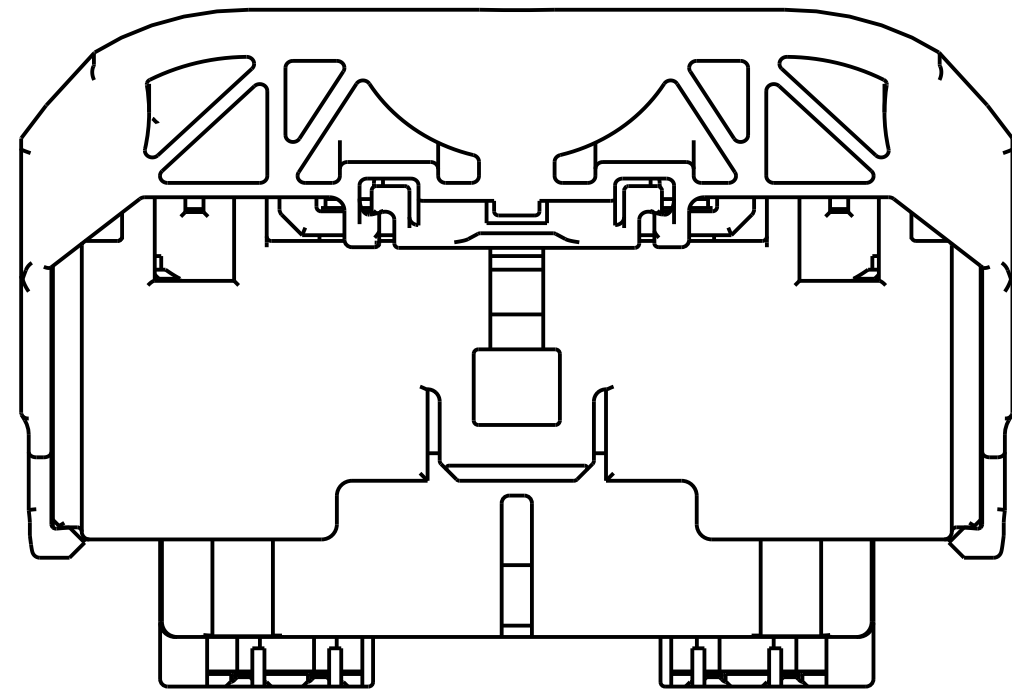
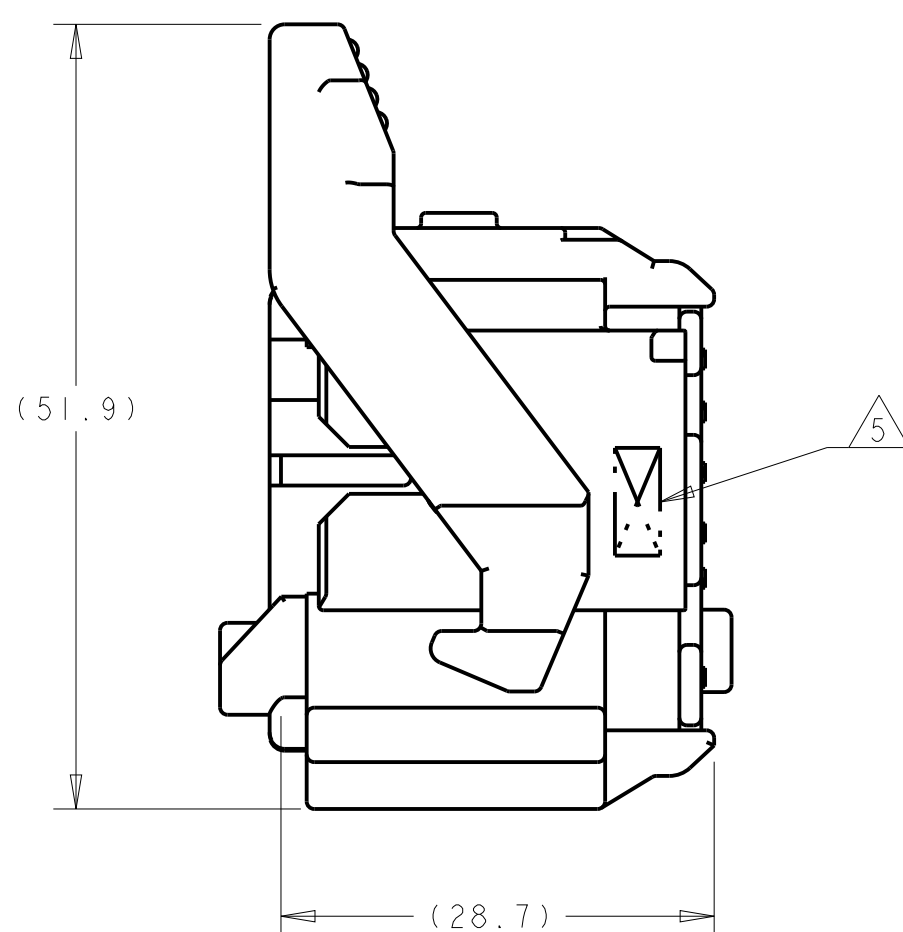
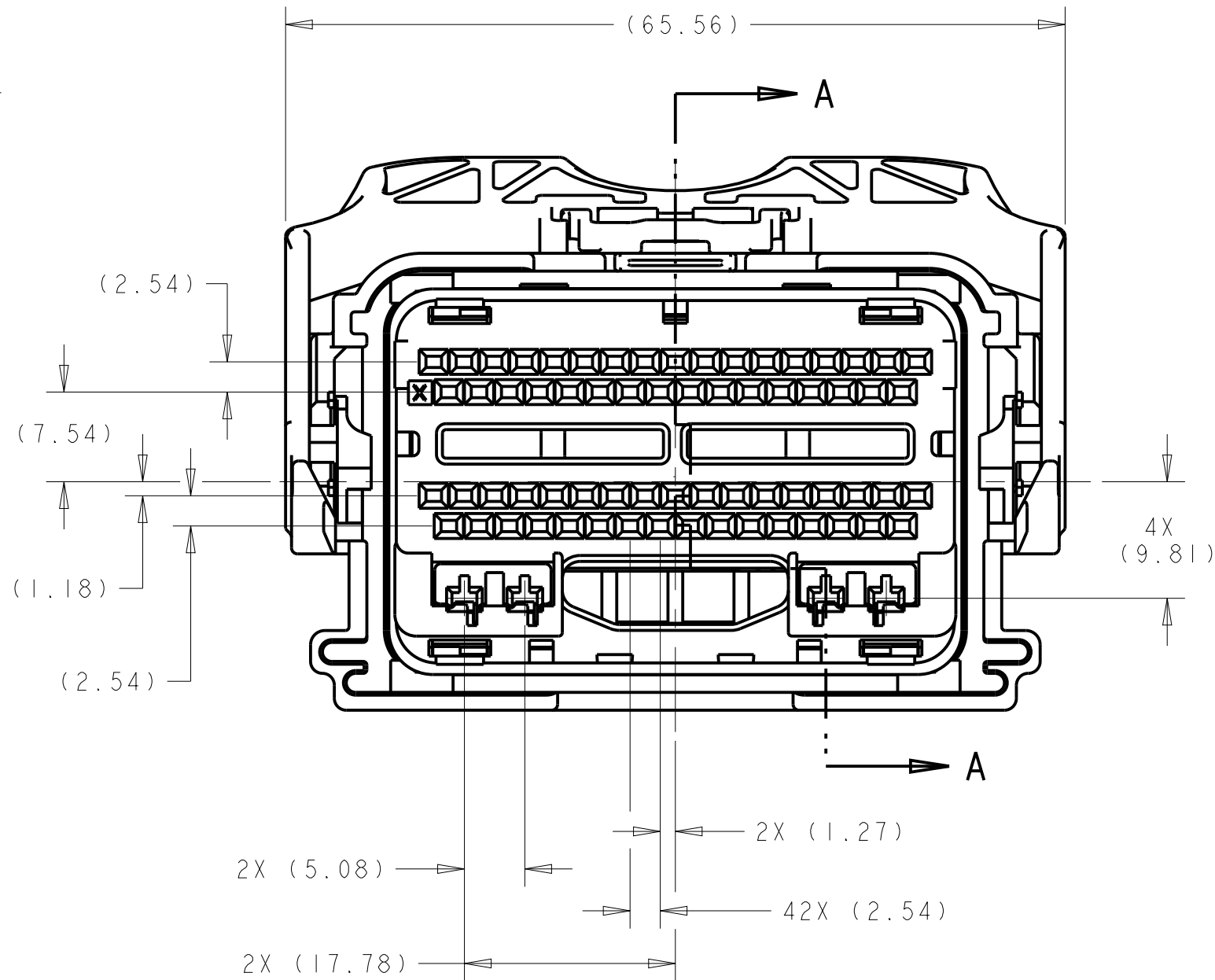




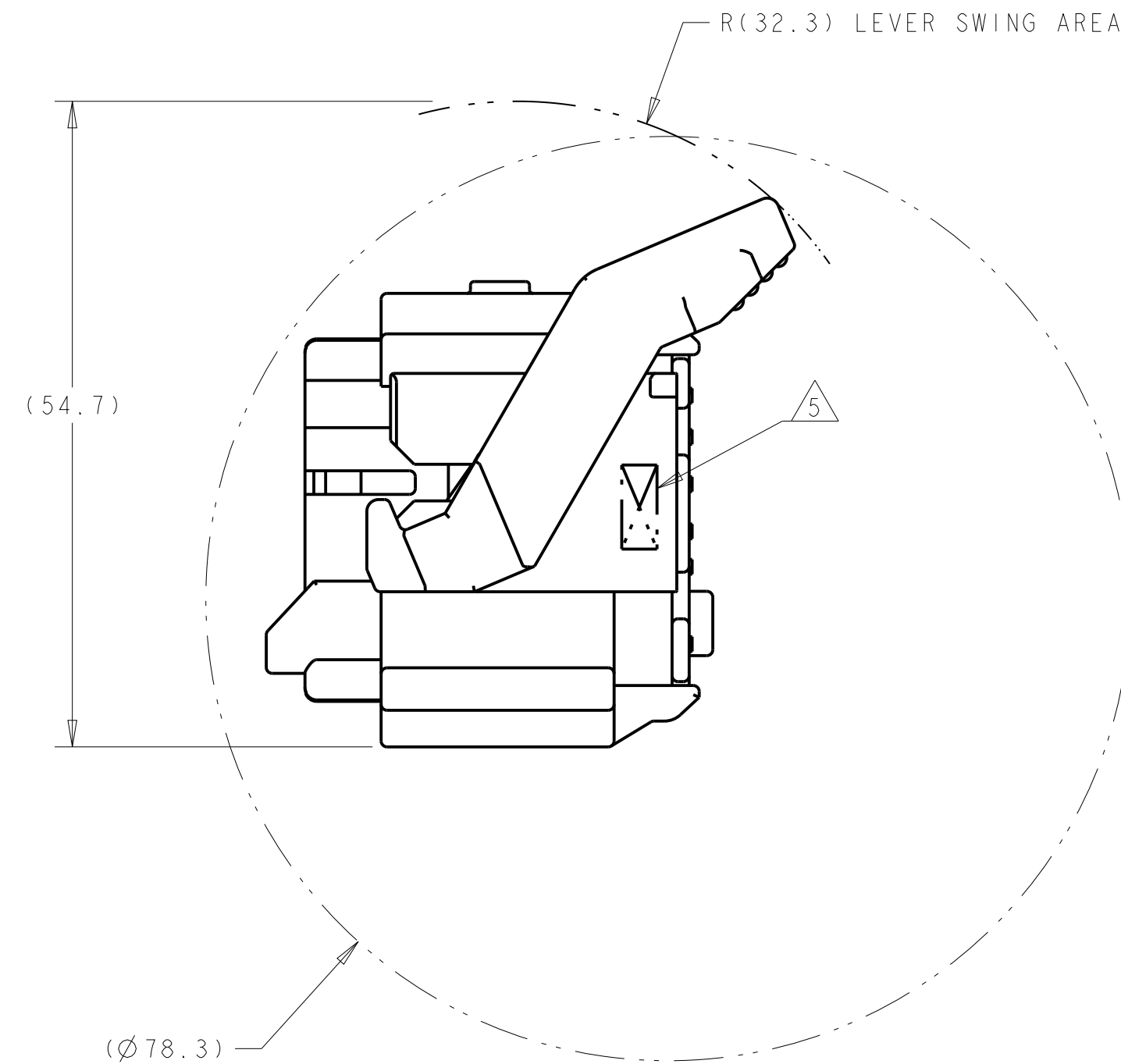
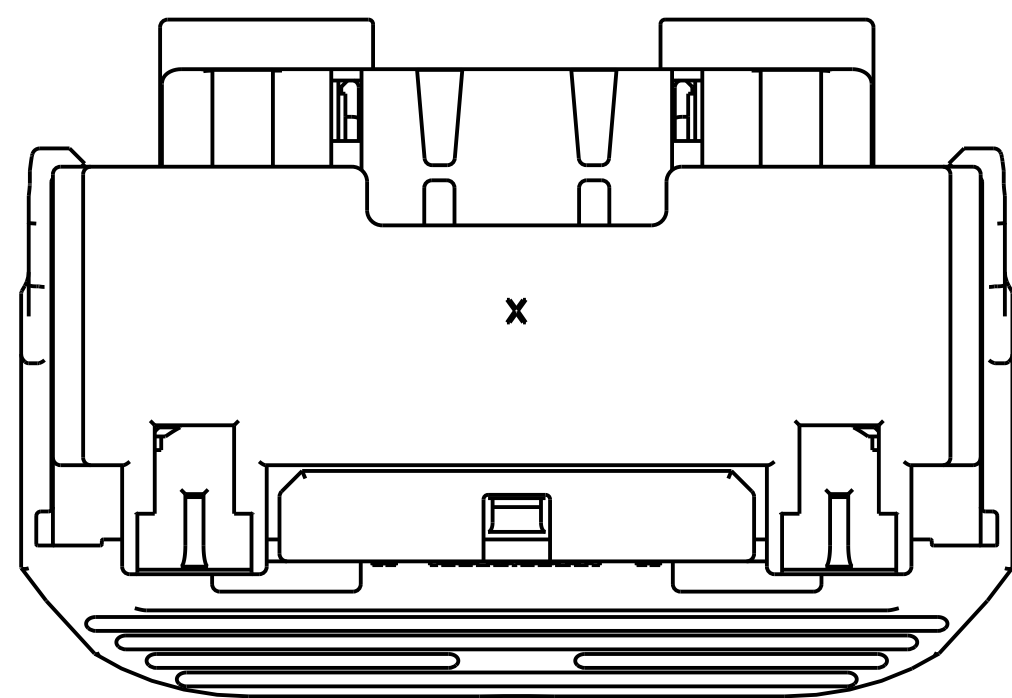
PART NUMBER:  
1438136-1  
SHOWN WITH SPACER  
IN SEATED POSITION



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



SHOWN WITH CAM  
LEVER AND SPACER  
IN LOADED POSITION



MIN. FEED THRU CONDITION  
WITH 1mm CLEARANCE ALL AROUND  
SHOWN WITH SPACER IN SEATED POSITION

| REVISIONS |      |                           |           |      |       |
|-----------|------|---------------------------|-----------|------|-------|
| P.        | LTR. | DESCRIPTION               | DATE      | DWN. | APVD. |
| G45       |      | REVISED PER ECO-13-011449 | 16JUL2013 | DLD  | DCM   |
| G46       |      | REVISED PER ECO-14-007153 | 19MAY2014 | DLD  | DCM   |
| G47       |      | REVISED PER ECO-14-014965 | 09OCT2013 | DLD  | DCM   |
|           |      |                           |           |      |       |

1. PRINT FORD PART NUMBER (SEE ATTACHED CHARTS) AND TRACEABILITY CODE (YY = 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR) IN THIS LOCATION AT ASSEMBLY. SEE SHEETS 3, 4 AND 5 (-\*) 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 INSTRUCTION SHEET 408-8893.

△ COMPANY LOGO.

APPLICABLE COMPONENTS (FOR REFERENCE ONLY)

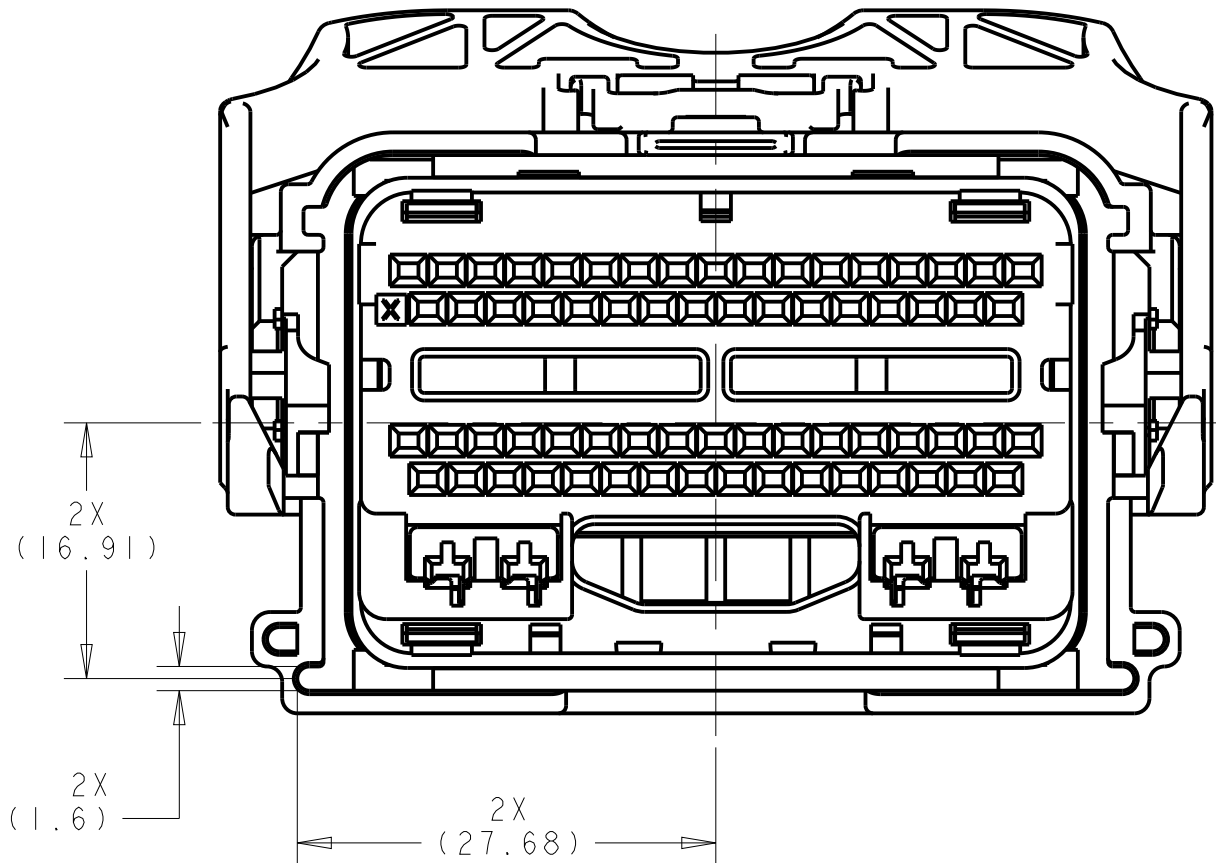
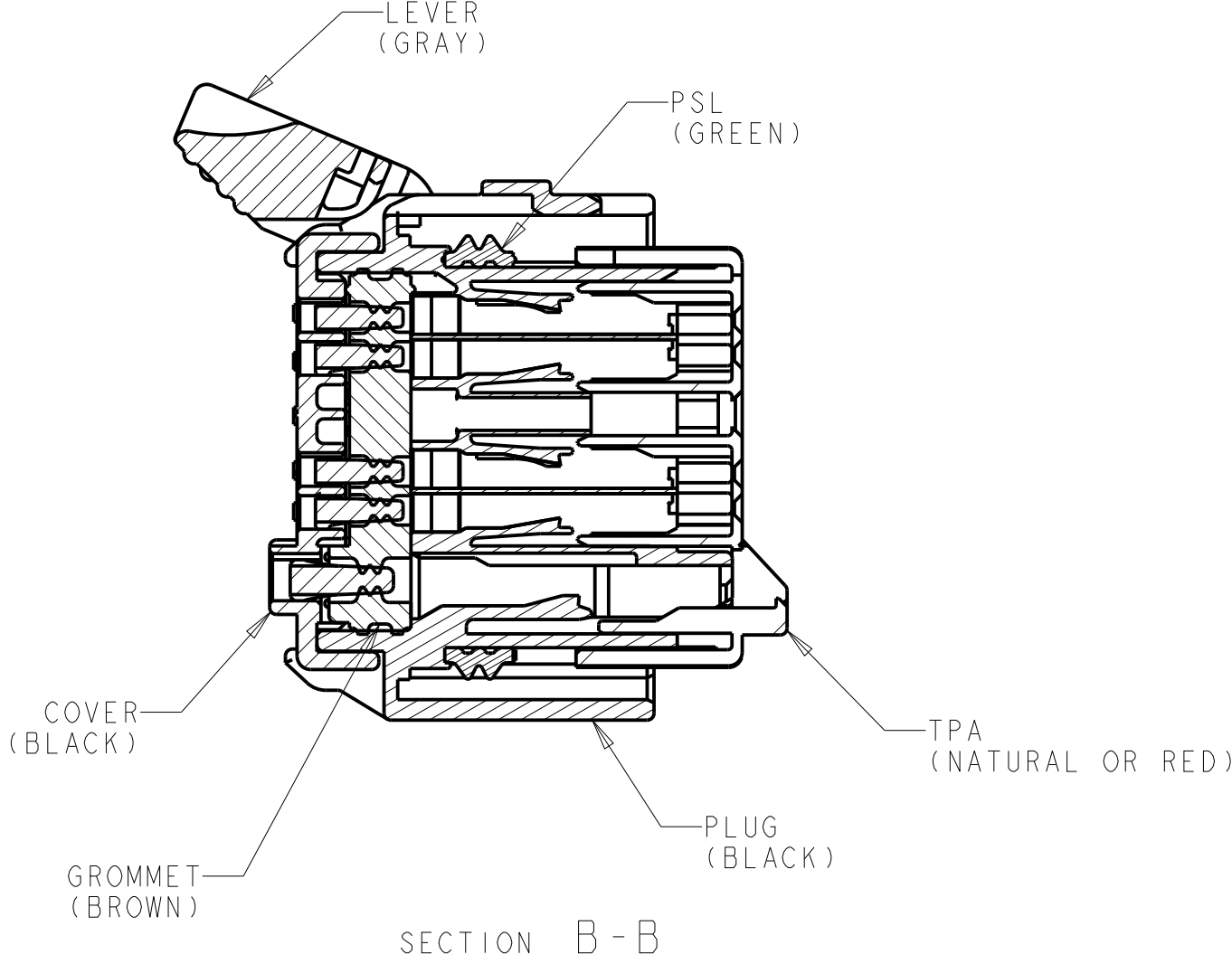
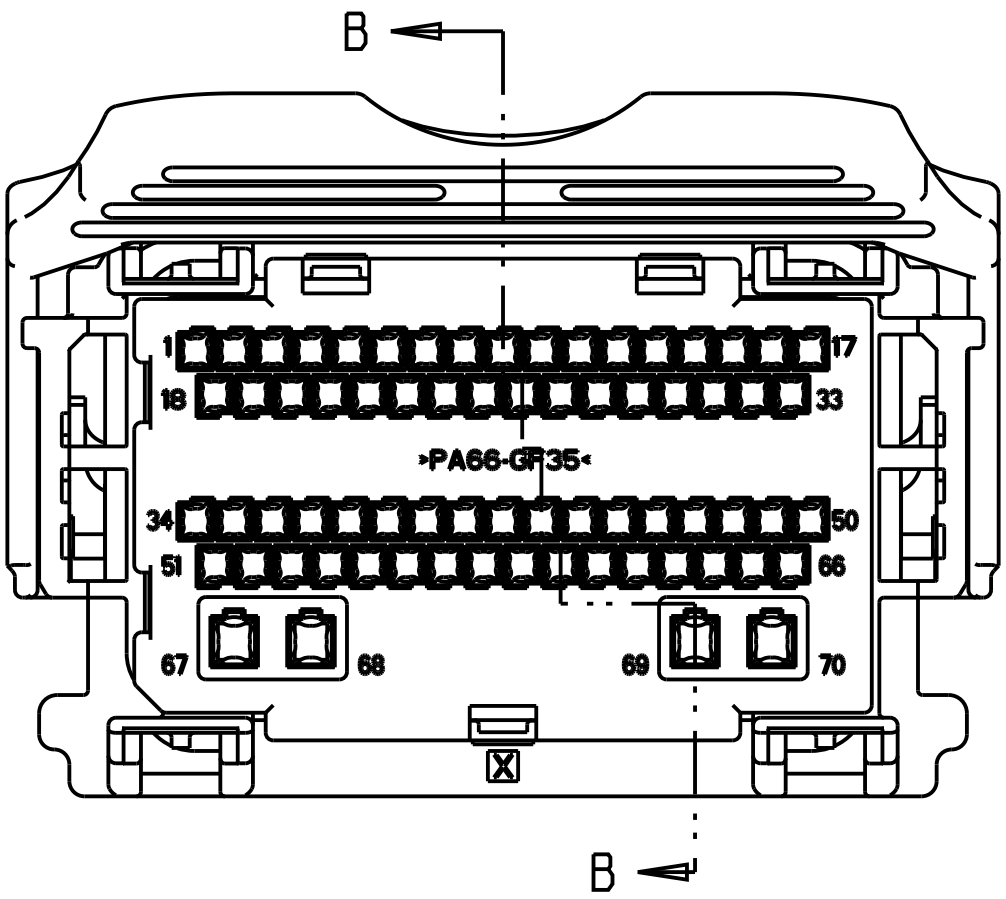
| DESCRIPTION            | NOMINAL<br>TERMINAL SIZE | COLOR/<br>PLATING | FORD COMPONENT<br>PART NUMBER | SUPPLIER<br>PART NUMBER | MATERIAL/SPECIFICATION<br>NUMBER | SAE<br>WIRE SIZE |
|------------------------|--------------------------|-------------------|-------------------------------|-------------------------|----------------------------------|------------------|
| 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            |

SEE SHEETS 3 THRU 7  
PART NUMBER

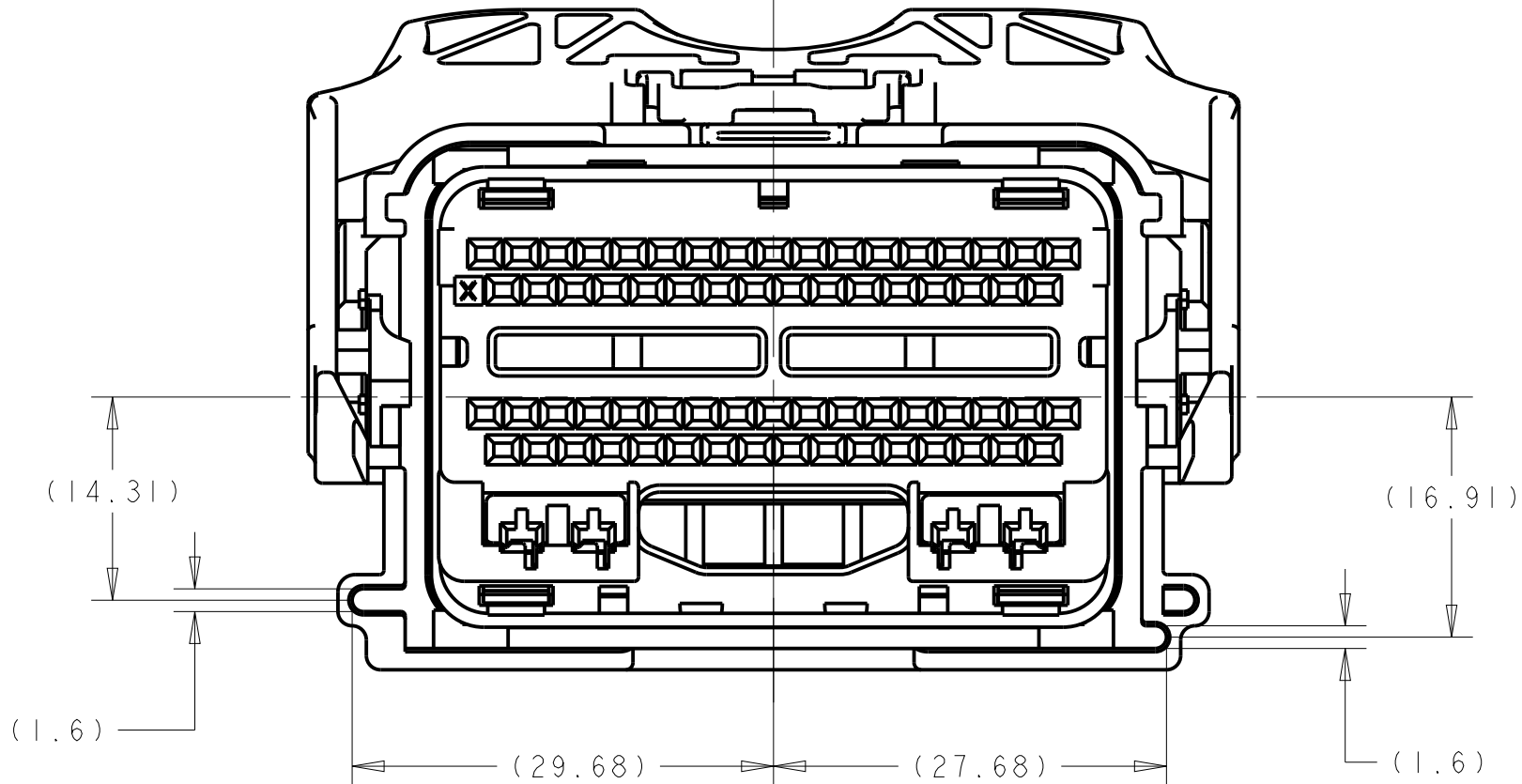
|                                        |  |                                                                              |           |                                 |  |
|----------------------------------------|--|------------------------------------------------------------------------------|-----------|---------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>R. VESTAL                                                             | 15APR2005 | TE Connectivity                 |  |
|                                        |  | CHK<br>T. VALASEK                                                            | 15APR2005 |                                 |  |
| DIMENSIONS:                            |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                       |           | NAME                            |  |
| mm                                     |  | 0 PLC ±.3<br>1 PLC ±0.3<br>2 PLC ±0.10<br>3 PLC ±.<br>4 PLC ±.<br>ANGLES ±1° |           | PRODUCT SPEC                    |  |
|                                        |  |                                                                              |           | APPLICATION SPEC                |  |
| MATERIAL                               |  |                                                                              |           | WEIGHT                          |  |
|                                        |  |                                                                              |           | CUSTOMER DRAWING                |  |
|                                        |  |                                                                              |           | SIZE CAGE CODE DRAWING NO       |  |
|                                        |  |                                                                              |           | A100779C=1438136                |  |
|                                        |  |                                                                              |           | RESTRICTED TO                   |  |
|                                        |  |                                                                              |           | SCALE 2:1 SHEET 1 OF 11 REV G47 |  |



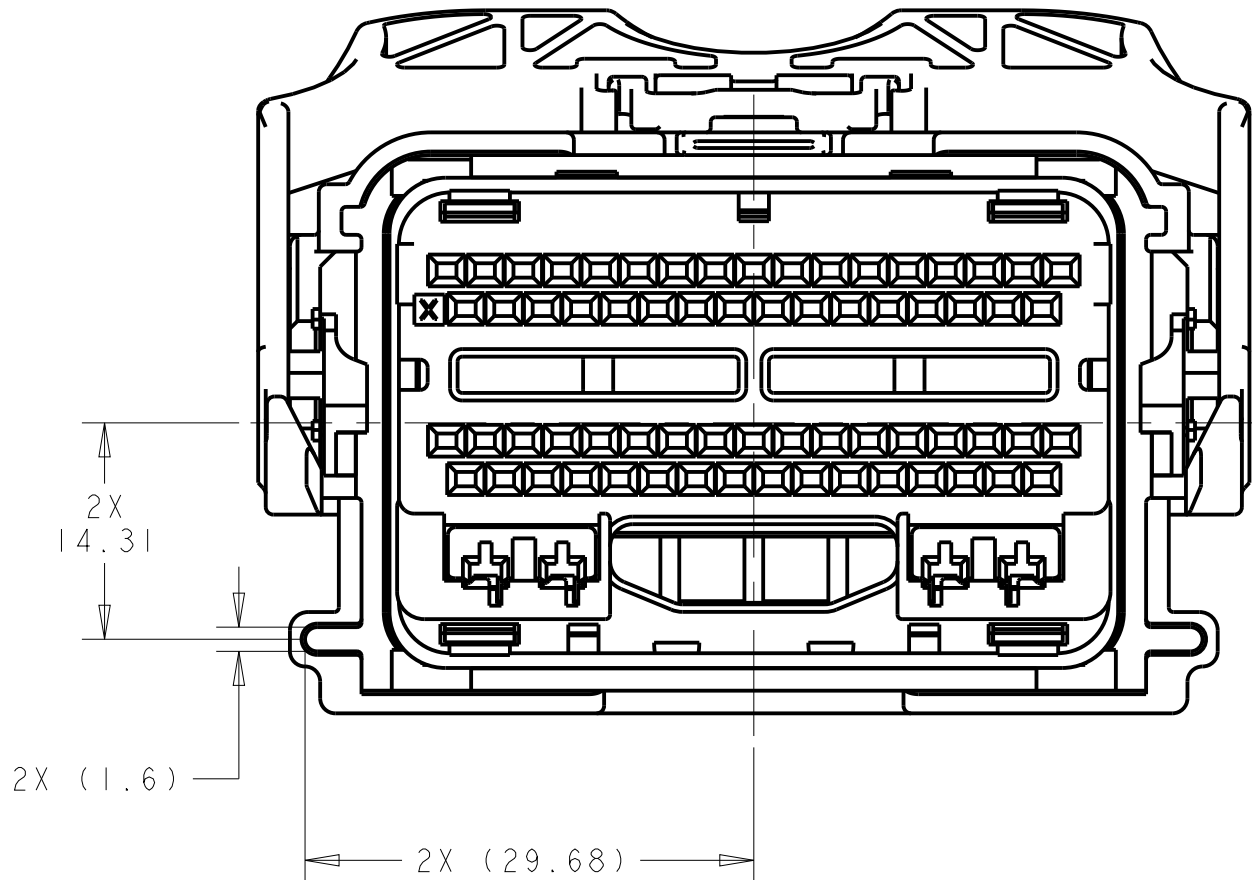
| REVISIONS |      |             |      |          |
|-----------|------|-------------|------|----------|
| P.        | LTR. | DESCRIPTION | DATE | OWN APVD |
| -         | -    | SEE SHEET 1 | -    | -        |
|           |      |             |      |          |
|           |      |             | 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



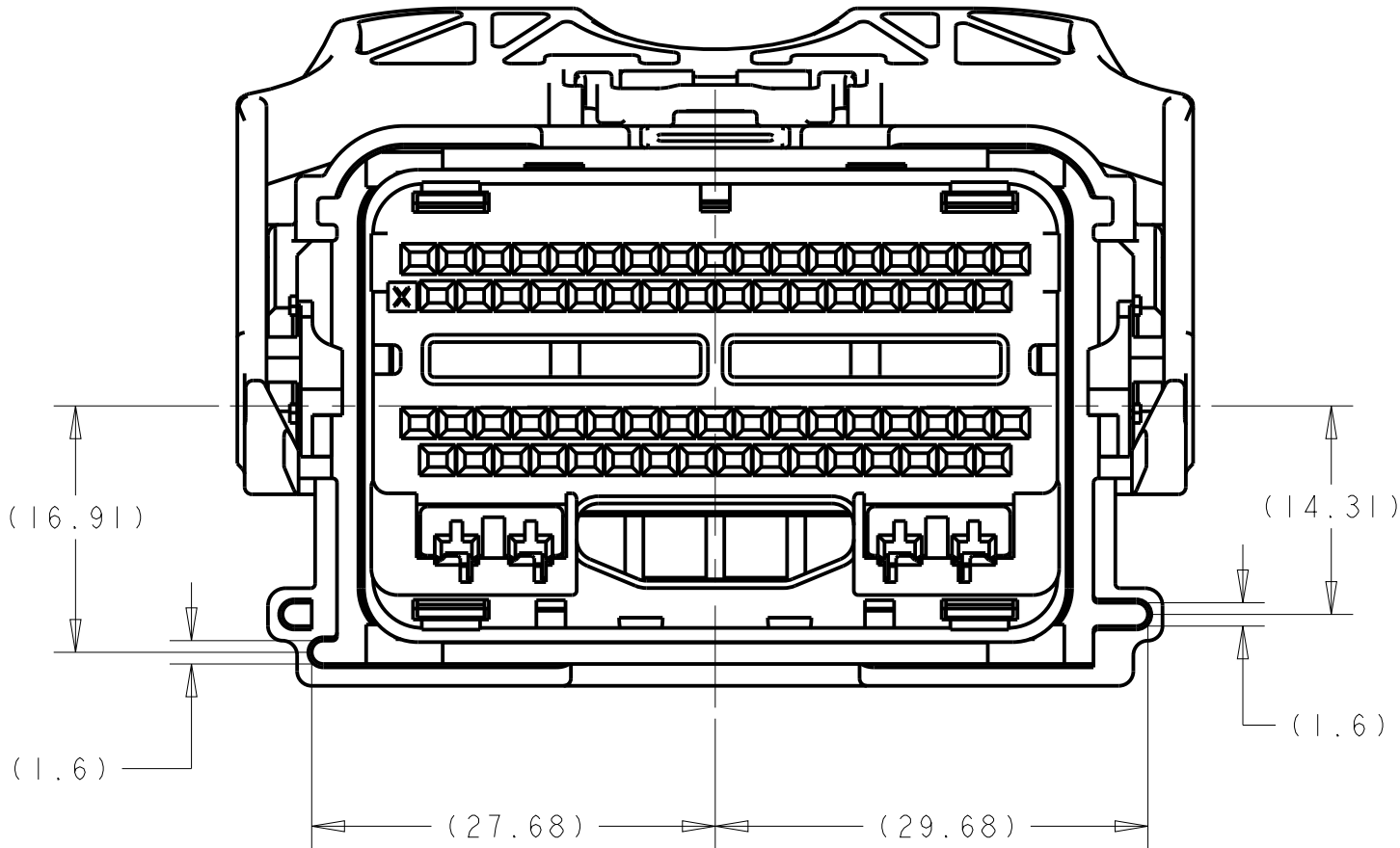
KEYING OPTION "A"



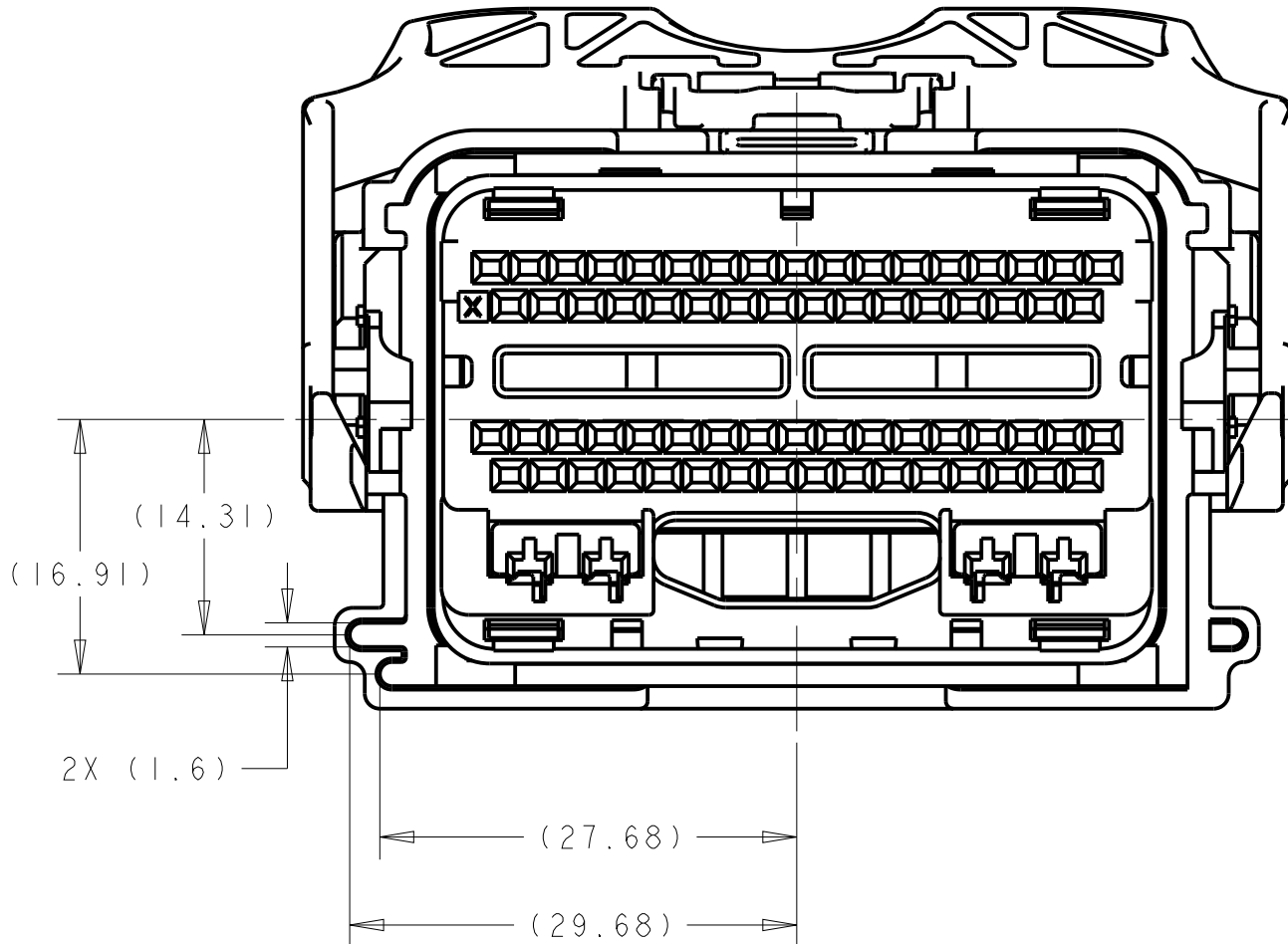
KEYING OPTION "B"



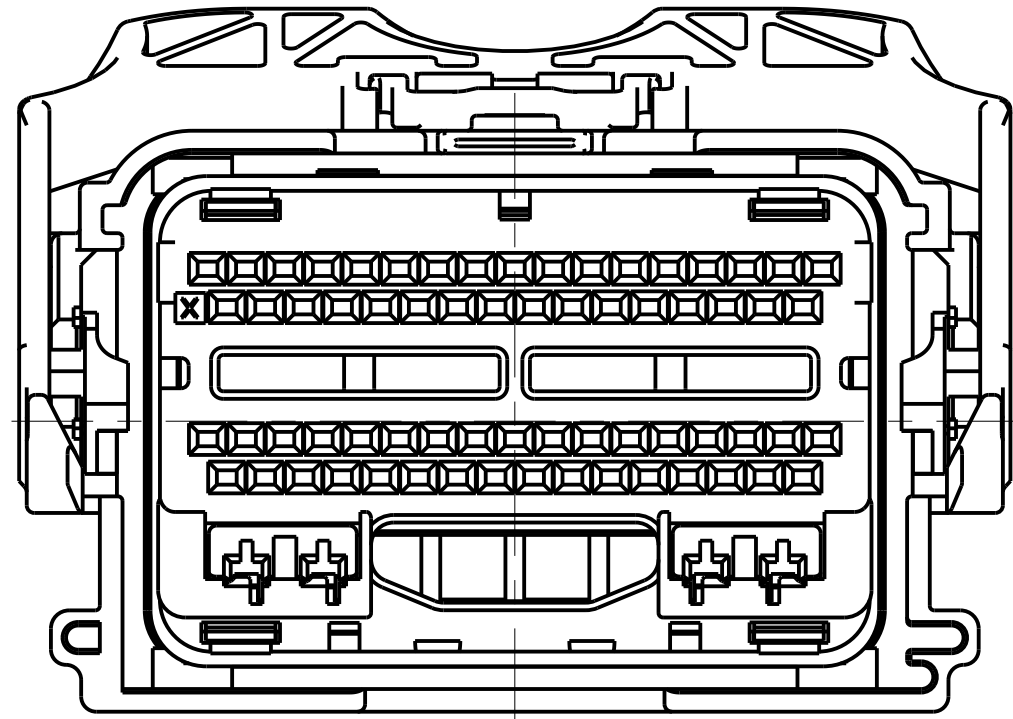
KEYING OPTION "C"



KEYING OPTION "D"



KEYING OPTION "E"



KEYING OPTION "F"

|                                        |                                                                                        |                    |           |                         |               |
|----------------------------------------|----------------------------------------------------------------------------------------|--------------------|-----------|-------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                        | OWN<br>R. VESTAL   | 15APR2005 | TE Connectivity         |               |
| DIMENSIONS:                            |                                                                                        | CHK<br>T. VALASEK  | 15APR2005 |                         |               |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                 | APVD<br>T. VALASEK | 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       |           | 70-WAY HARNESS ASSEMBLY |               |
| MATERIAL                               | -                                                                                      | APPLICATION SPEC   |           | SIZE                    | RESTRICTED TO |
| -                                      | -                                                                                      | WEIGHT             | -         | A100779C=1438136        | -             |
| -                                      | -                                                                                      | CUSTOMER DRAWING   |           | SCALE                   | SHEET         |
|                                        |                                                                                        |                    |           | 2:1                     | 2 OF 11       |



|                                                                                                                    |  |                                |                                                                                                       |  |
|--------------------------------------------------------------------------------------------------------------------|--|--------------------------------|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                             |  | DWN<br>R. VESTAL<br>15APR2005  |  TE Connectivity |  |
| DIMENSIONS:<br>mm                                                                                                  |  | CHG<br>T. VALASEK<br>15APR2005 | NAME                                                                                                  |  |
|                               |  | PRODUCT SPEC<br>-              | 70-WAY HARNESS ASSEMBLY                                                                               |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±0.3<br>2 PLC ±0.10<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±1° |  | APPLICATION SPEC<br>-          | SIZE CAGE CODE DRAWING NO RESTRICTED TO                                                               |  |
| MATERIAL<br>-<br>-                                                                                                 |  | WEIGHT<br>-                    | A100779C=1438136<br>-                                                                                 |  |
|                                                                                                                    |  | CUSTOMER DRAWING               | SCALE 2:1 SHEET 3 OF 11 REV. 647                                                                      |  |



|                              |                          |                      |
|------------------------------|--------------------------|----------------------|
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| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| NO        | LTR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET I | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |

KEYING OPTION A

[illegible]

|                                                                                                            |  |                                                                                                                                     |  |                                                                                                                  |  |
|------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                     |  | DWN<br>RES. VESTAL 15APR2005<br>CHK<br>T. VALASEK 15APR2005<br>APP'D<br>T. VALASEK 15APR2005                                        |  |  TE Connectivity            |  |
| DIMENSIONS:<br>mm<br> |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±.0<br>1 PLC ±.3<br>2 PLC ±.0..10<br>3 PLC ±.<br>4 PLC ±.<br>5 PLC ±.<br>ANGLES ±.° |  | NAME<br>70-WAY HARNESS ASSEMBLY                                                                                  |  |
| MATERIAL<br>-<br>-<br>-                                                                                    |  | FINISH<br>-<br>-<br>-                                                                                                               |  | PRODUCT SPEC<br>-<br>APPLICATION SPEC<br>-<br>SIZE CAGE CODE DRAWING NO<br>A100779C1438136<br>RESTRICTED TO<br>- |  |
| CUSTOMER DRAWING                                                                                           |  | WEIGHT<br>-                                                                                                                         |  | SCALE 2:1<br>SHEET 4 OF 11<br>REG 47                                                                             |  |



| REVISIONS |      |             |      |     |      |
|-----------|------|-------------|------|-----|------|
| P.        | LTR. | 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

5L3T-14A464-E\* PIN-OUT CHART

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
R. VESTAL

CHK  
T. VALASEK

APVD  
T. VALASEK

15APR2005

15APR2005

15APR2005

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±0.3

±0.10

±

±

±1°

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

70-WAY HARNESS ASSEMBLY

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

100779

1438136

5

OF 11

REV

647

TE

TE Connectivity

ASSEMBLY PART NUMBER

FORD PART NUMBER









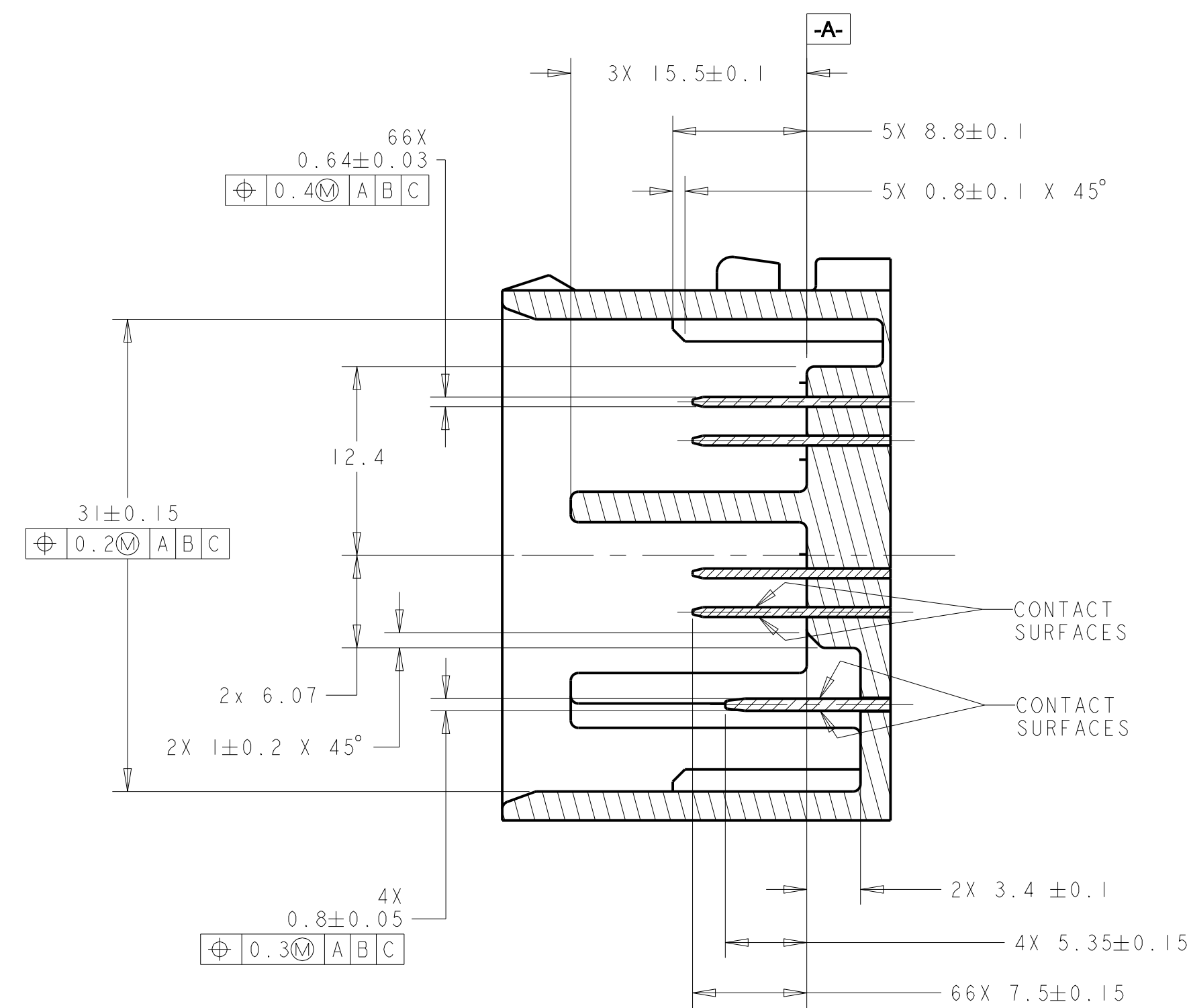




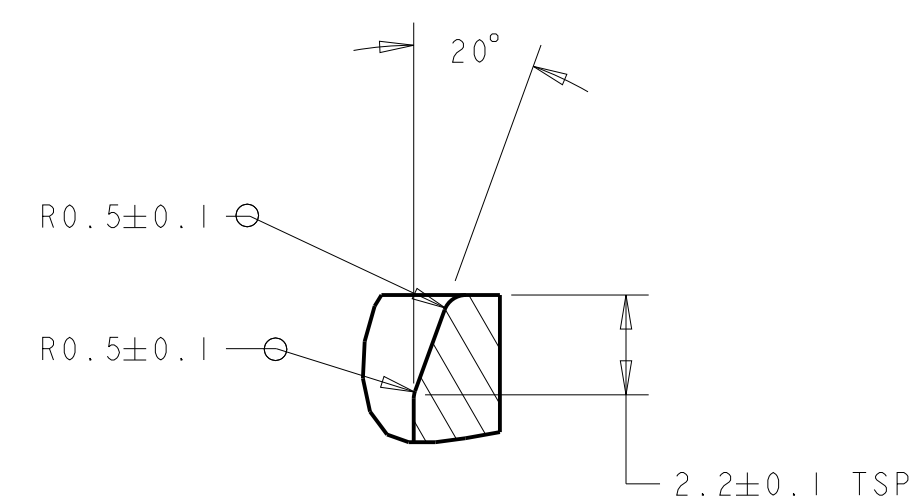








SECTION C-C

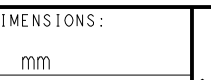


DETAIL F  
SCALE 6:1

1. GENERAL TOLERANCE:  
 $\pm 0.3$  ALL ONE PLACE DIMENSIONS  
 $\pm 0.10$  ALL TWO PLACE DIMENSIONS  
 $\pm 1^{\circ}00'$  ALL ANGULAR DIMENSIONS

8. MATES WITH TYCO ELECTRONICS PART# 1438136-\*

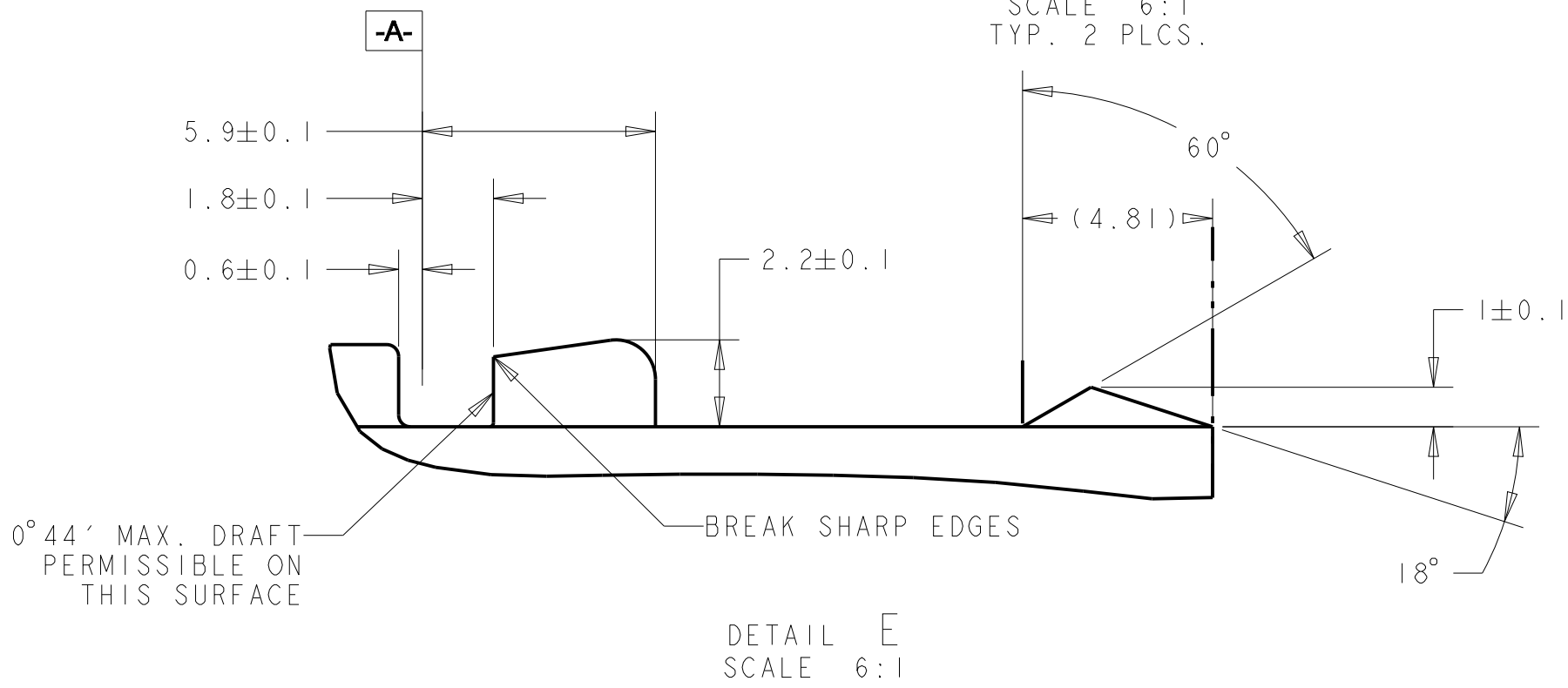
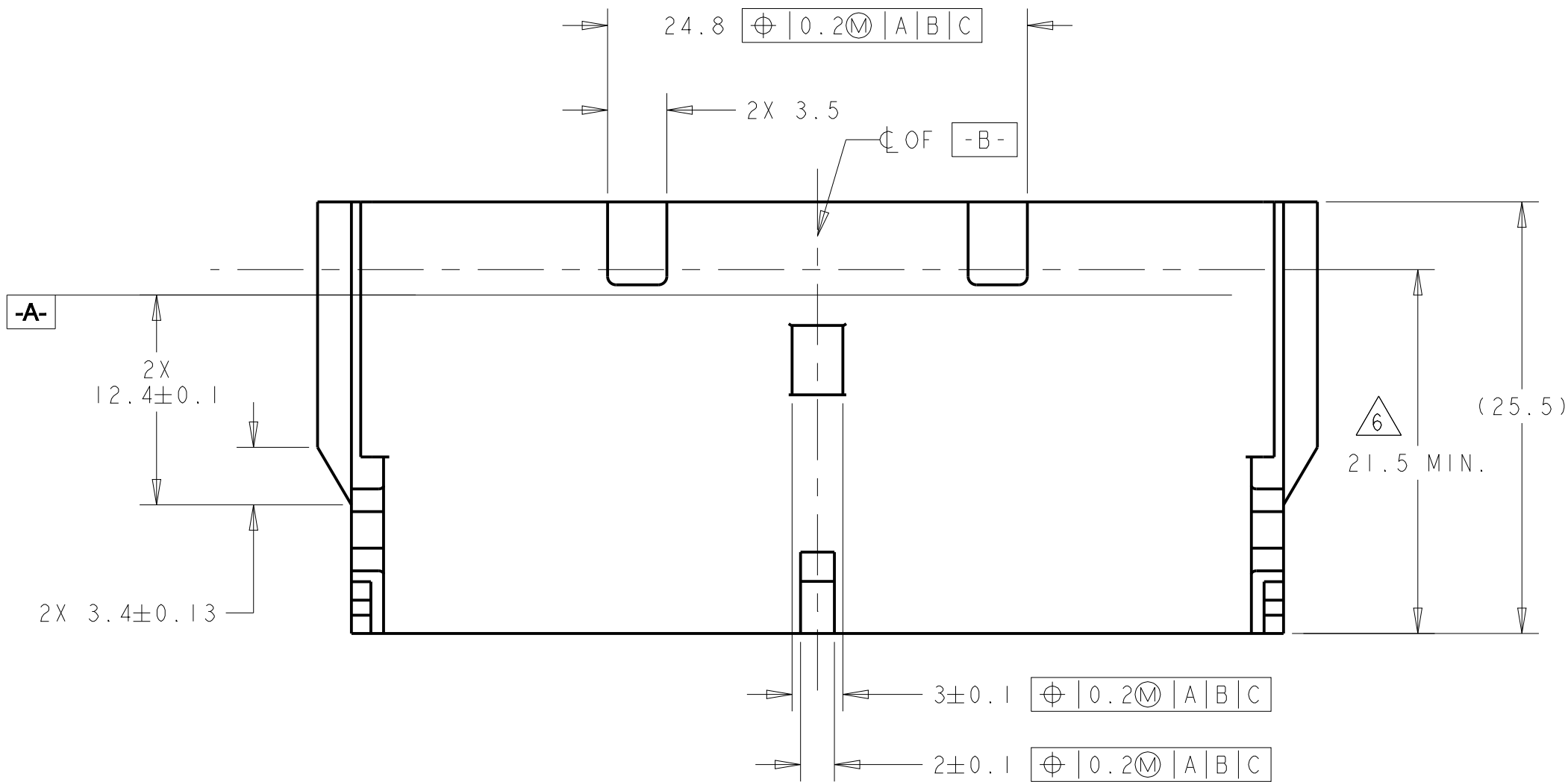
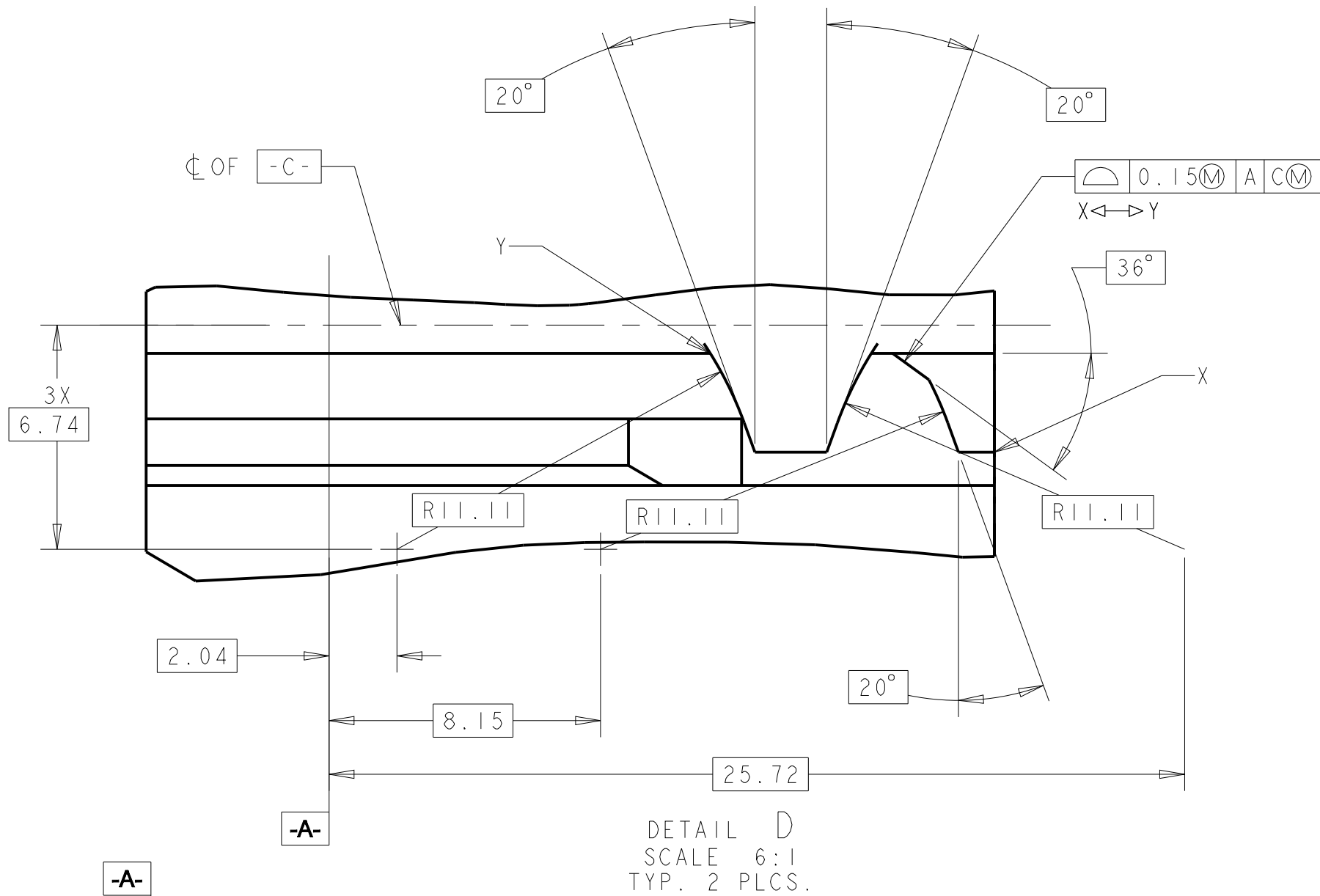
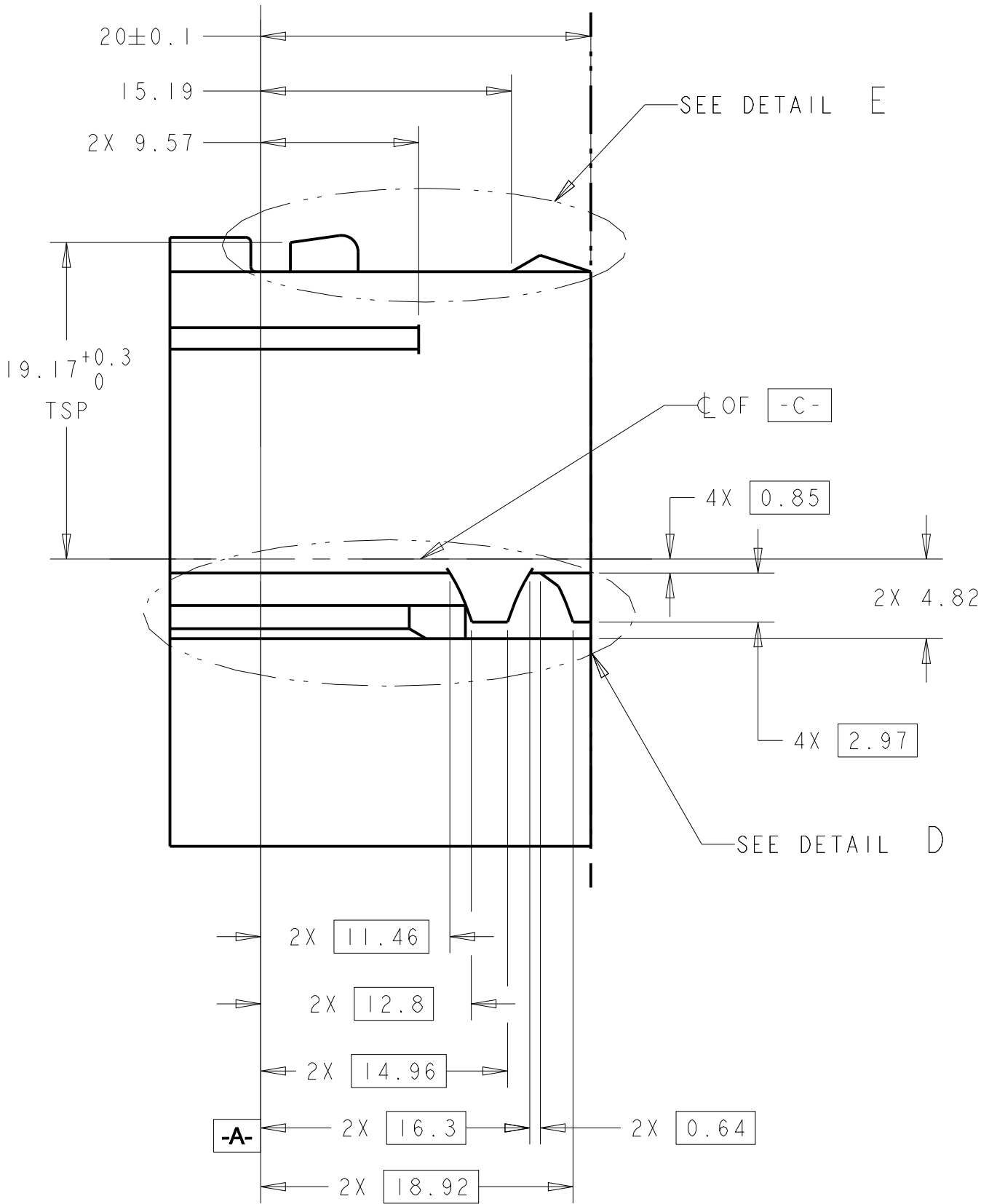
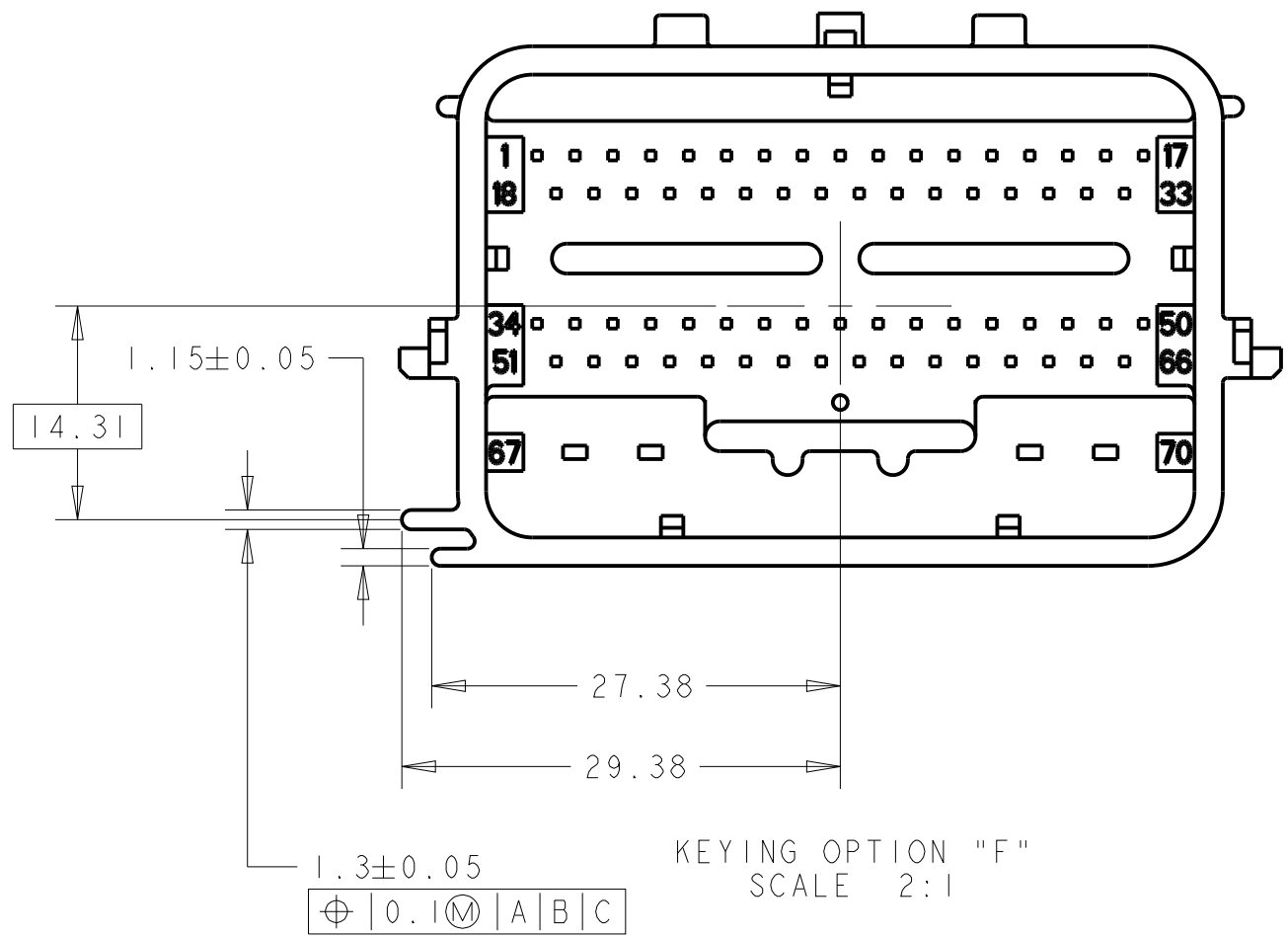
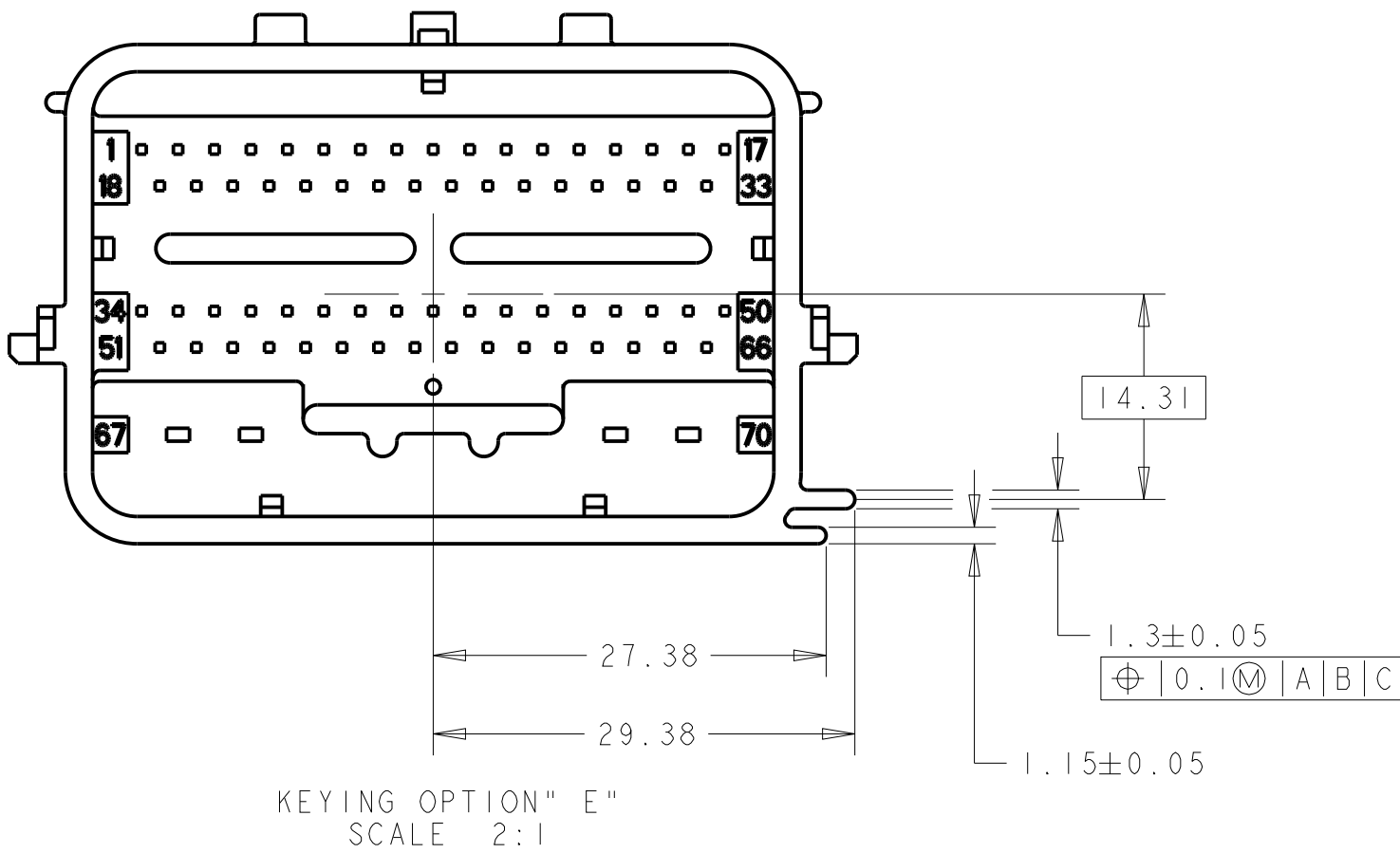
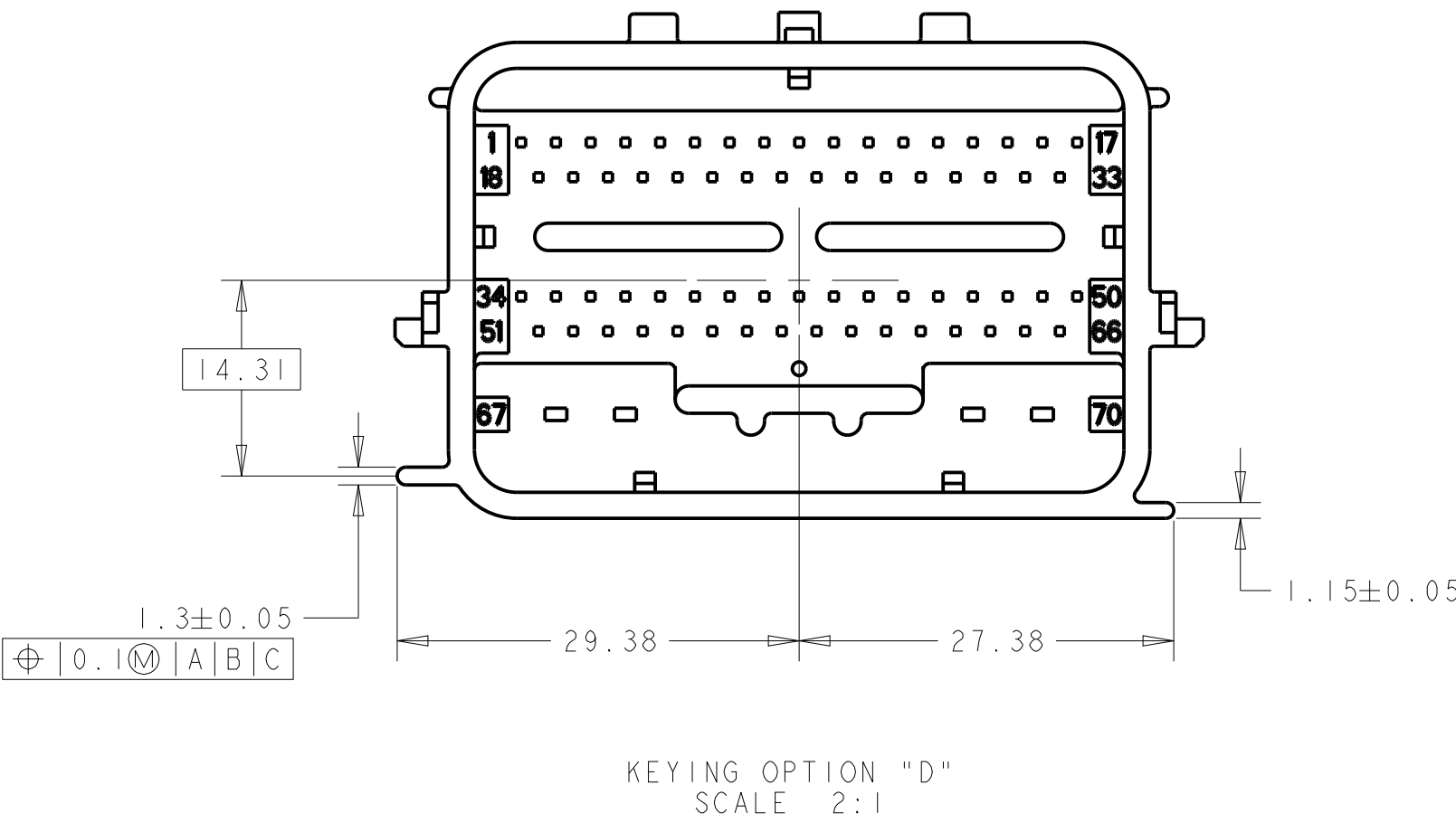
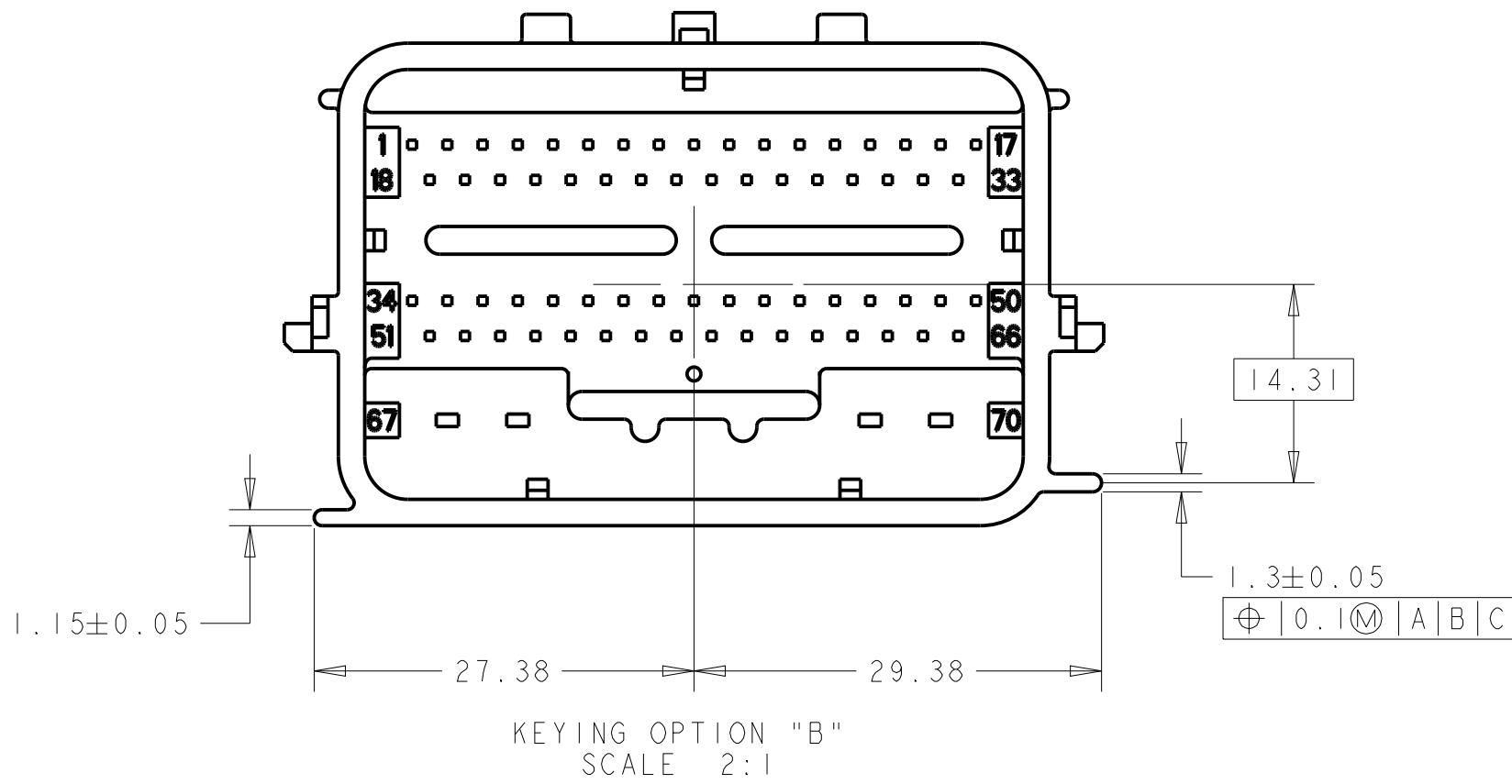
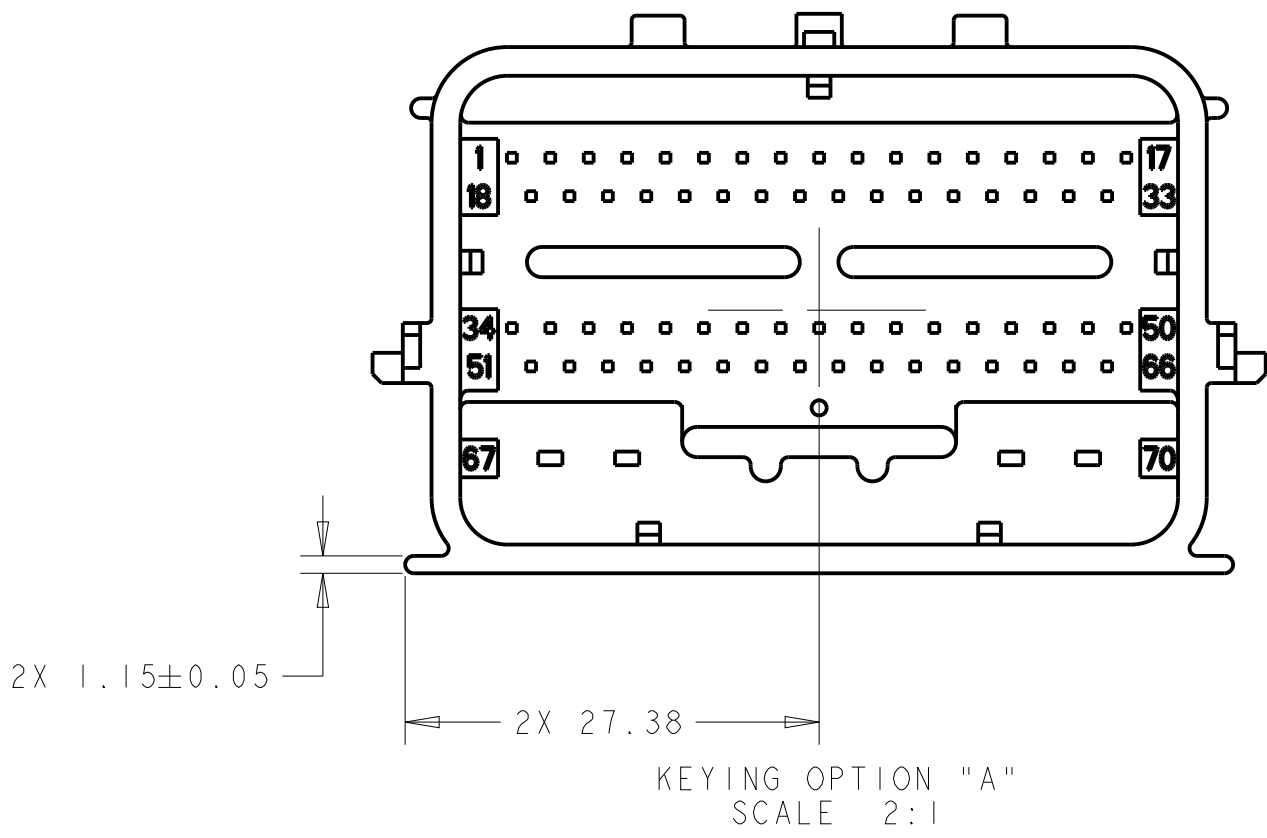


|                                                                                                            |  |                                                                                                                          |  |                                                                                                       |  |
|------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROL DOCUMENT.                                                                        |  | DWG<br>R VESTAL 15APR2005<br>CHK<br>T VALASEK 15APR2005<br>T VALASEK 15APR2005                                           |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm<br> |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±.3<br>1 PLC ±0.3<br>2 PLC ±0.10<br>3 PLC ±.3<br>4 PLC ±.3<br>ANGLES ±1° |  | NAME<br>70-WAY HARNESS ASSEMBLY                                                                       |  |
| MATERIAL<br>-<br>-<br>-                                                                                    |  | FINISH<br>-<br>-<br>-                                                                                                    |  | WEIGHT<br>-<br>-<br>-                                                                                 |  |
| CUSTOMER DRAWING                                                                                           |  | SIZE<br>A1                                                                                                               |  | CAGE CODE<br>100779                                                                                   |  |
|                                                                                                            |  | DRAWING NO<br>C-1438136                                                                                                  |  | RESTRICTED TO<br>-<br>-<br>-                                                                          |  |
|                                                                                                            |  | SCALE<br>2:1                                                                                                             |  | SHEET 10 OF 1<br>REG 47                                                                               |  |



HEADER INTERFACE KEYING OPTIONS

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



|                                        |                                        |                                 |                                  |  |
|----------------------------------------|----------------------------------------|---------------------------------|----------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | OWN<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<br>70-WAY HARNESS ASSEMBLY  |  |
|                                        | 0 PLC ±0.3                             | PRODUCT SPEC                    | SIZE<br>A100779C=1438136         |  |
|                                        | 1 PLC ±0.10                            | APPLICATION SPEC                |                                  |  |
| MATERIAL                               | 2 PLC ±0.10                            | WEIGHT                          | RESTRICTED TO                    |  |
| -                                      | 3 PLC ±0.10                            | -                               | SCALE 2:1 SHEET 11 OF 11 REV 647 |  |
| -                                      | 4 PLC ±0.10                            | CUSTOMER DRAWING                |                                  |  |
| -                                      | ANGLES FINISH                          | -                               |                                  |  |
| -                                      | -                                      | -                               |                                  |  |

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