



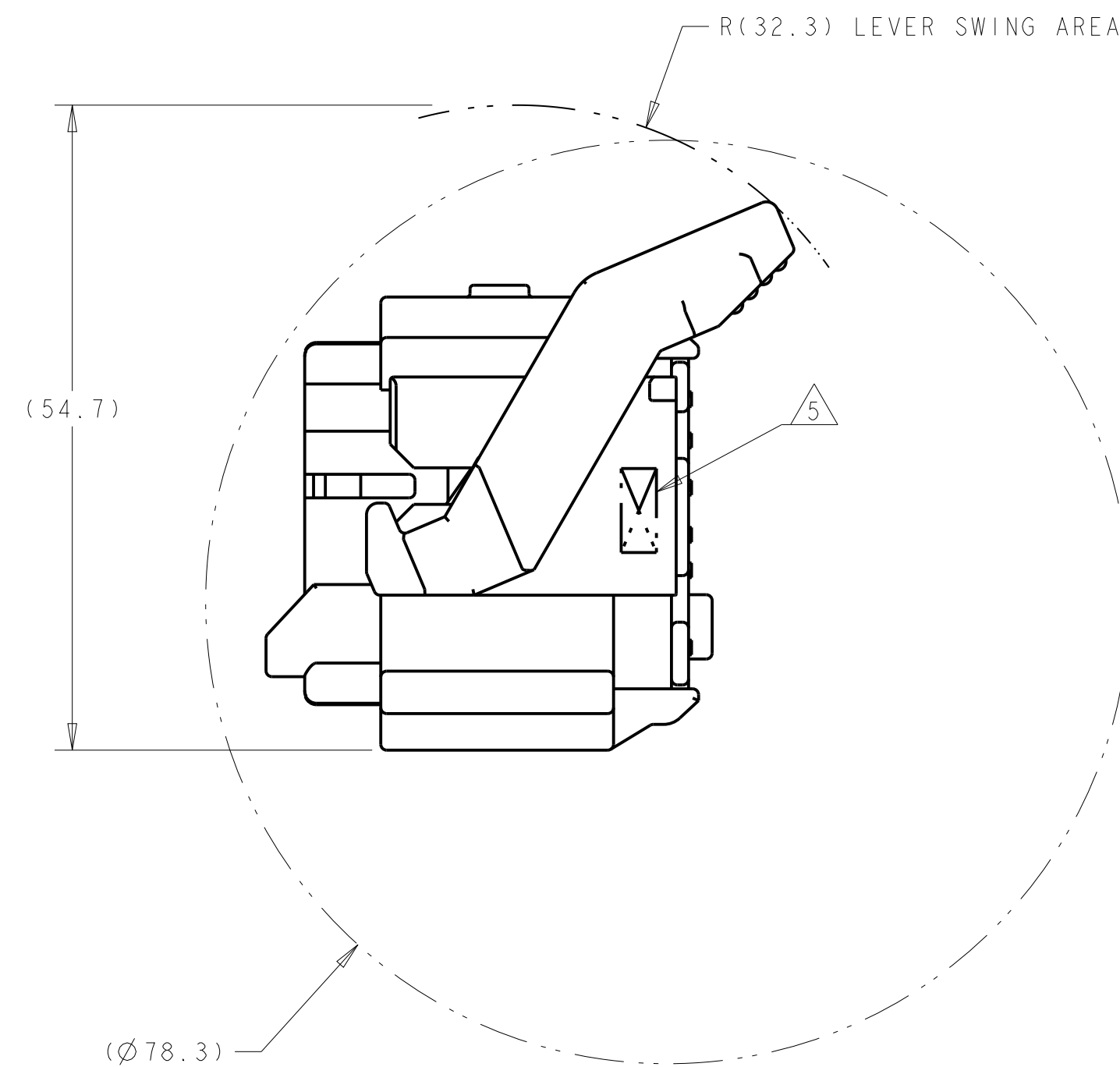
PART NUMBER:  
1438136-1  
SHOWN WITH SPACER  
IN SEATED POSITION



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.

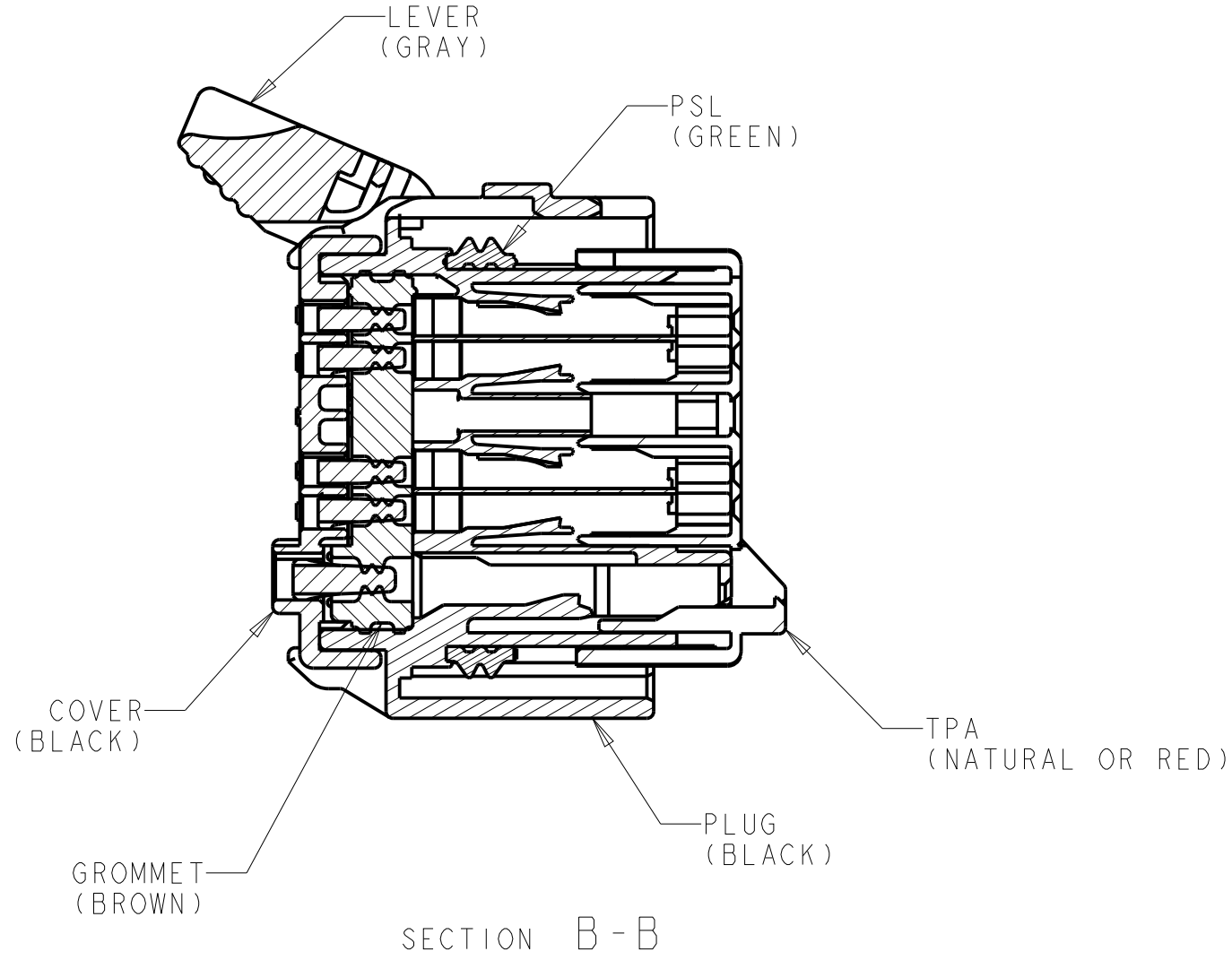
APPLICABLE COMPONENTS (FOR REFERENCE ONLY)

| 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. R. VESTAL 15APR2005   | <b>TE</b> TE Connectivity |           |
| DIMENSIONS:                            |                                        | CHK. T. VALASEK 15APR2005  |                           |           |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD. T. VALASEK 15APR2005 | NAME                      |           |
|                                        | 0 PLC ±.3                              | PRODUCT SPEC               | 70-WAY HARNESS ASSEMBLY   |           |
|                                        | 1 PLC ±0.10                            | APPLICATION SPEC           |                           |           |
| MATERIAL                               | FINISH                                 | WEIGHT                     | SIZE                      | CAGE CODE |
| -                                      | -                                      | -                          | A100779                   | 1438136   |
| CUSTOMER DRAWING                       |                                        | SCALE 2:1                  | SHEET 1 OF 11             | REV. G47  |

| REVISIONS |      |             |      |      |       |
|-----------|------|-------------|------|------|-------|
| P.        | LTR. | DESCRIPTION | DATE | DWN. | 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. |                                                                                        | DWN<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:                                                |  | 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 |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| #         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | SEE SHEET I | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |

KEYING OPTION A

[illegible]

|                                                                                       |  |                                                                                                                           |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWG. T. VESTAL 15APR2005<br>CHK. T. VALASEK 15APR2005<br>APPR. T. VALASEK 15APR2005                                       |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 P/LC ±.<br>1 P/LC ±0.3<br>2 P/LC ±0.10<br>4 P/LC ±.<br>6 P/LC ±.<br>ANGLES ±° |  | NAME<br>70-WAY HARNESS ASSEMBLY                                                                       |  |
|  |  | PRODUCT SPEC<br>-<br>APPLICATION SPEC<br>-                                                                                |  | SIZE CAGE CODE DRAWING NO<br>A100779 C1438136                                                         |  |
| MATERIAL<br>-<br>-<br>-                                                               |  | FINISH<br>-<br>-<br>-                                                                                                     |  | RESTRICTED TO<br>-<br>-<br>-                                                                          |  |
| WEIGHT<br>-<br>-<br>-                                                                 |  | CUSTOMER DRAWING<br>-<br>-<br>-                                                                                           |  | SCALE 2:1 SHEET 4 OF 11 REV 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  
15APR2005

CHK  
T. VALASEK  
15APR2005

APVD  
T. VALASEK  
15APR2005

DIMENSIONS:  
mm

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

±  
±0.3  
±0.10  
±  
±  
±1°  
-

MATERIAL  
-

-

PRODUCT SPEC

APPLICATION SPEC

WEIGHT  
-

CUSTOMER DRAWING

NAME

70-WAY HARNESS ASSEMBLY

SIZE  
A100779

CAGE CODE  
C=1438136

DRAWING NO

RESTRICTED TO  
-

TE Connectivity

SCALE  
2:1

SHEET  
5

OF  
11

REV  
G47







|                                          |                          |    |
|------------------------------------------|--------------------------|----|
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| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| #         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | SEE SHEET I | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |

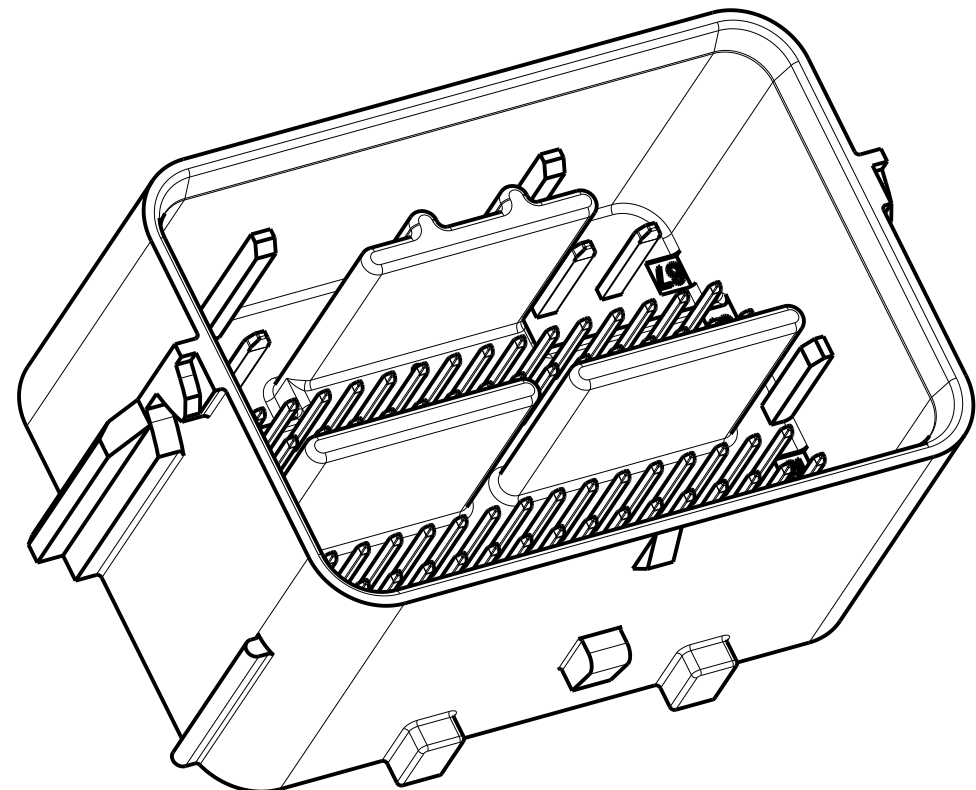
KEYING OPTION F

[illegible]

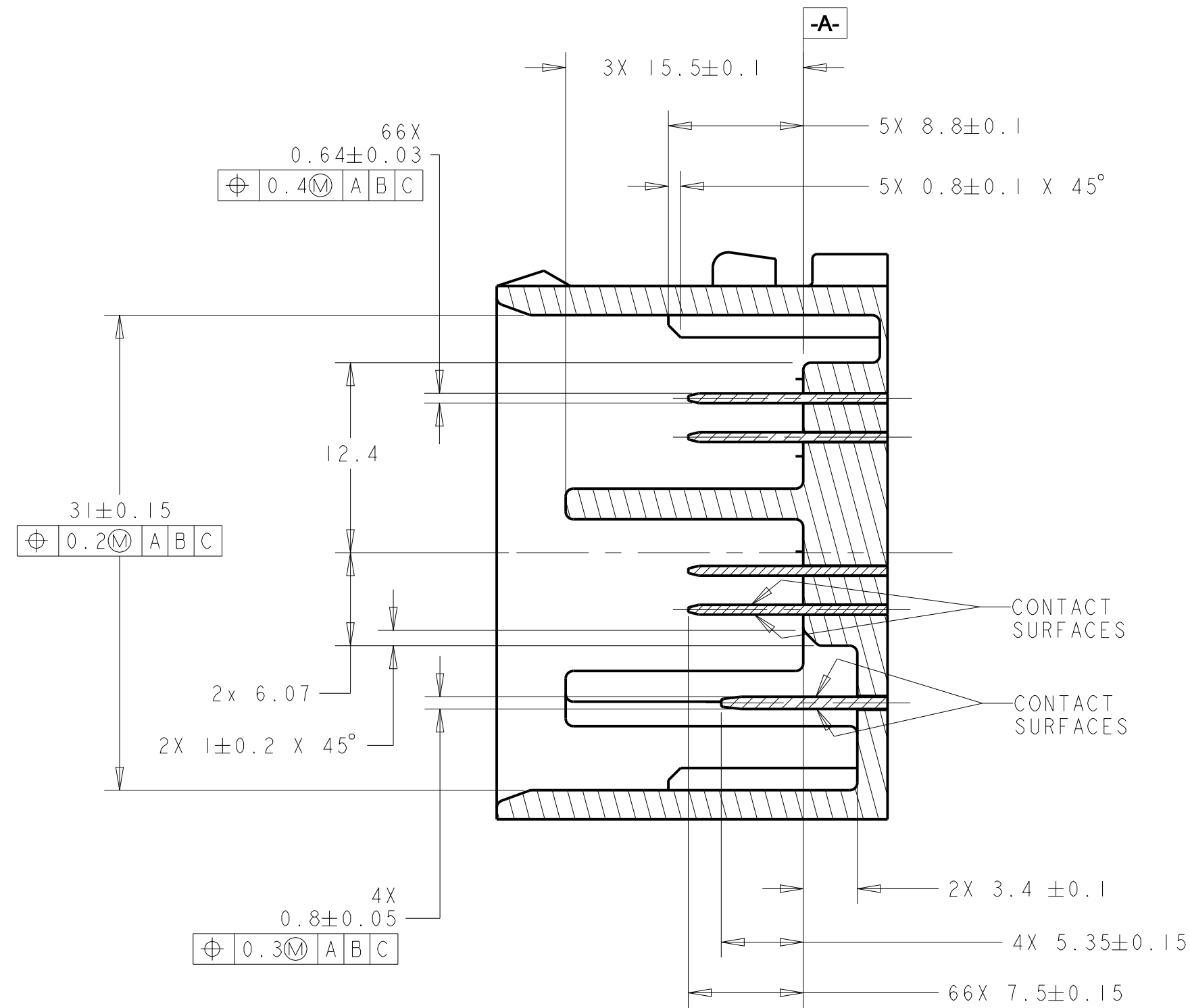
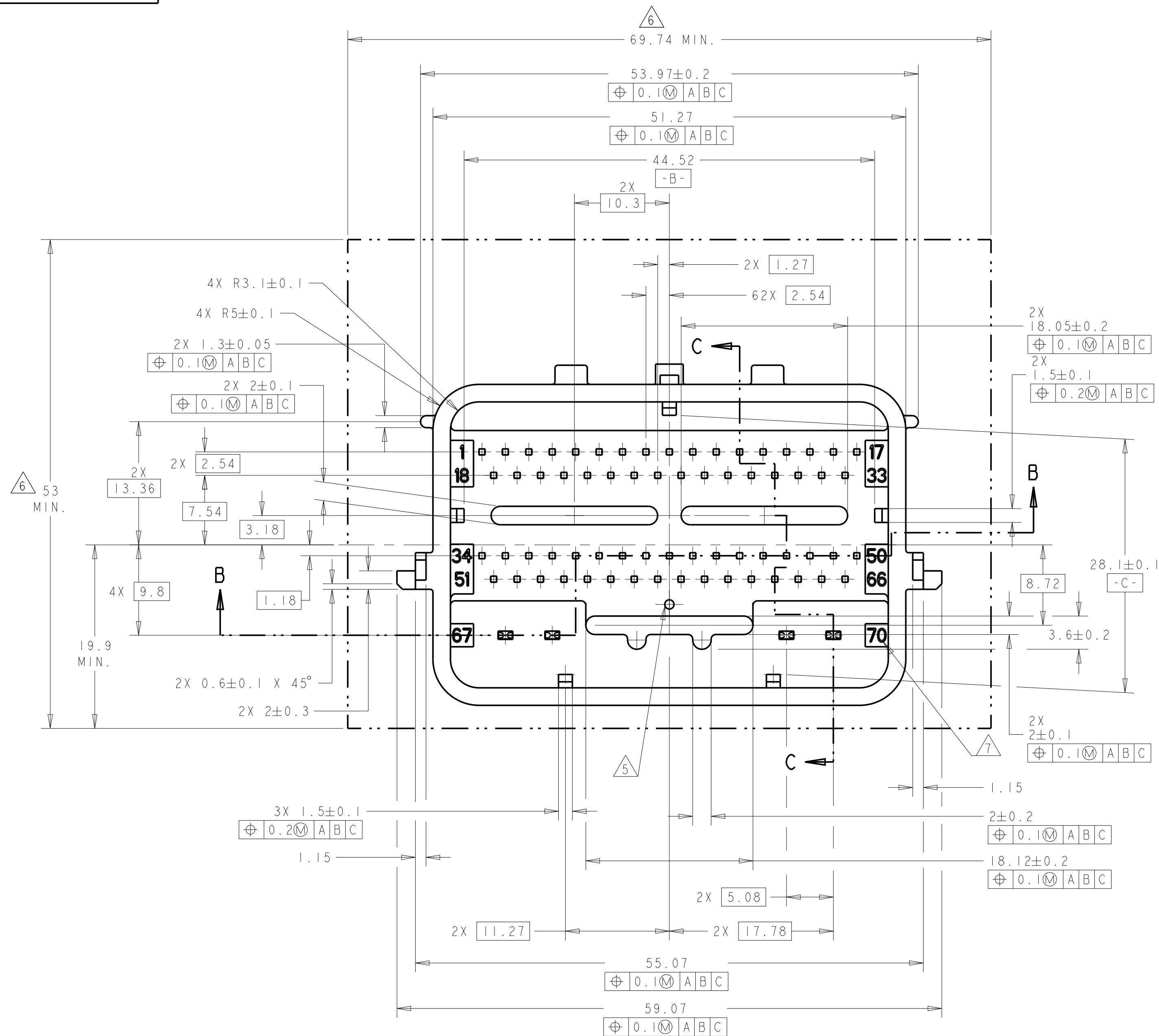
KEYING OPTION E

[illegible]

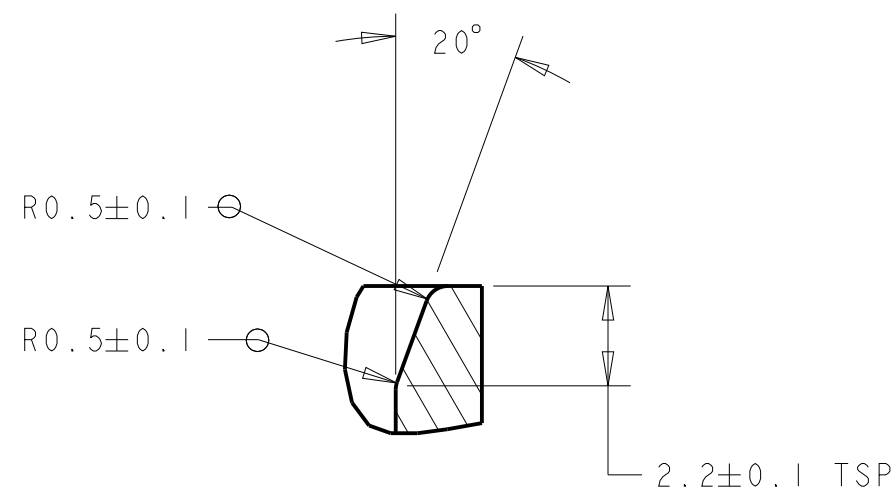
|                                                                                                            |  |                                                                                                                                                      |  |                                                                                                                  |  |
|------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|--|
| 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 ±.03<br>2 PLC ±.010<br>3 PLC ±.0<br>4 PLC ±.0<br>5 PLC ±.0<br>6 PLC ±.0<br>7 PLACES ±.0 |  | 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 9 OF 11<br>REG 47                                                                             |  |



SCALE 2:1



SECTION C-C



DETAIL F  
SCALE 6:1

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 OF DAMAGE PERMITTED.

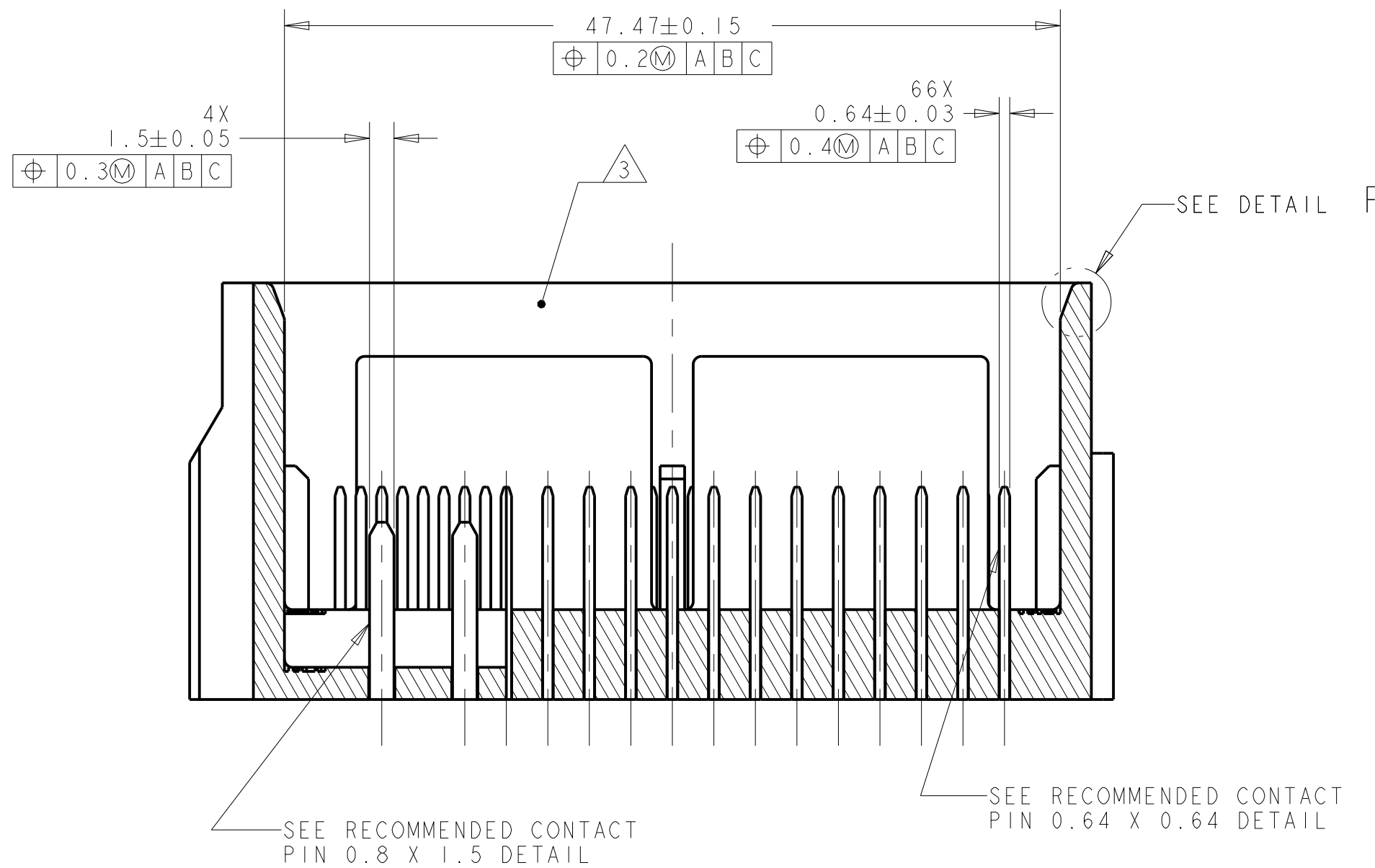
4. ALL UNMARKED RADII TO BE 0.5 MAX., UNLESS OTHERWISE SPECIFIED

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# 1438136-\*



SECTION B-B

|                                                                                       |  |                                 |                                                                                                       |                         |
|---------------------------------------------------------------------------------------|--|---------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | OWN<br>R. VESTAL<br>15APR2005   |  TE Connectivity |                         |
| DIMENSIONS:                                                                           |  | CHK<br>T. VALASEK<br>15APR2005  |                                                                                                       |                         |
| mm                                                                                    |  | APVD<br>T. VALASEK<br>15APR2005 | NAME                                                                                                  |                         |
|  |  | PRODUCT SPEC                    |                                                                                                       | 70-WAY HARNESS ASSEMBLY |
|                                                                                       |  | -                               |                                                                                                       |                         |
|                                                                                       |  | APPLICATION SPEC                |                                                                                                       |                         |
|                                                                                       |  | -                               |                                                                                                       |                         |
|                                                                                       |  | -                               |                                                                                                       |                         |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                |  | SIZE                            |                                                                                                       | RESTRICTED TO           |
| 0 PLC ±0.3                                                                            |  | CAGE CODE                       |                                                                                                       |                         |
| 1 PLC ±0.10                                                                           |  | DRAWING NO                      |                                                                                                       |                         |
| 2 PLC ±0.10                                                                           |  | A100779                         |                                                                                                       |                         |
| 3 PLC ±0.10                                                                           |  | C1438136                        |                                                                                                       |                         |
| 4 PLC ±0.10                                                                           |  | SCALE                           |                                                                                                       | REV                     |
| ANGLES ±1°                                                                            |  | 2:1                             |                                                                                                       |                         |
| FINISH                                                                                |  | SHEET                           |                                                                                                       |                         |
| -                                                                                     |  | 10 OF 11                        |                                                                                                       |                         |
| -                                                                                     |  | 647                             |                                                                                                       |                         |
| MATERIAL                                                                              |  | CUSTOMER DRAWING                |                                                                                                       |                         |
| -                                                                                     |  | SCALE                           |                                                                                                       |                         |
| -                                                                                     |  | SHEET                           |                                                                                                       |                         |
| -                                                                                     |  | 10 OF 11                        |                                                                                                       |                         |
| -                                                                                     |  | 647                             |                                                                                                       |                         |

D

C

B

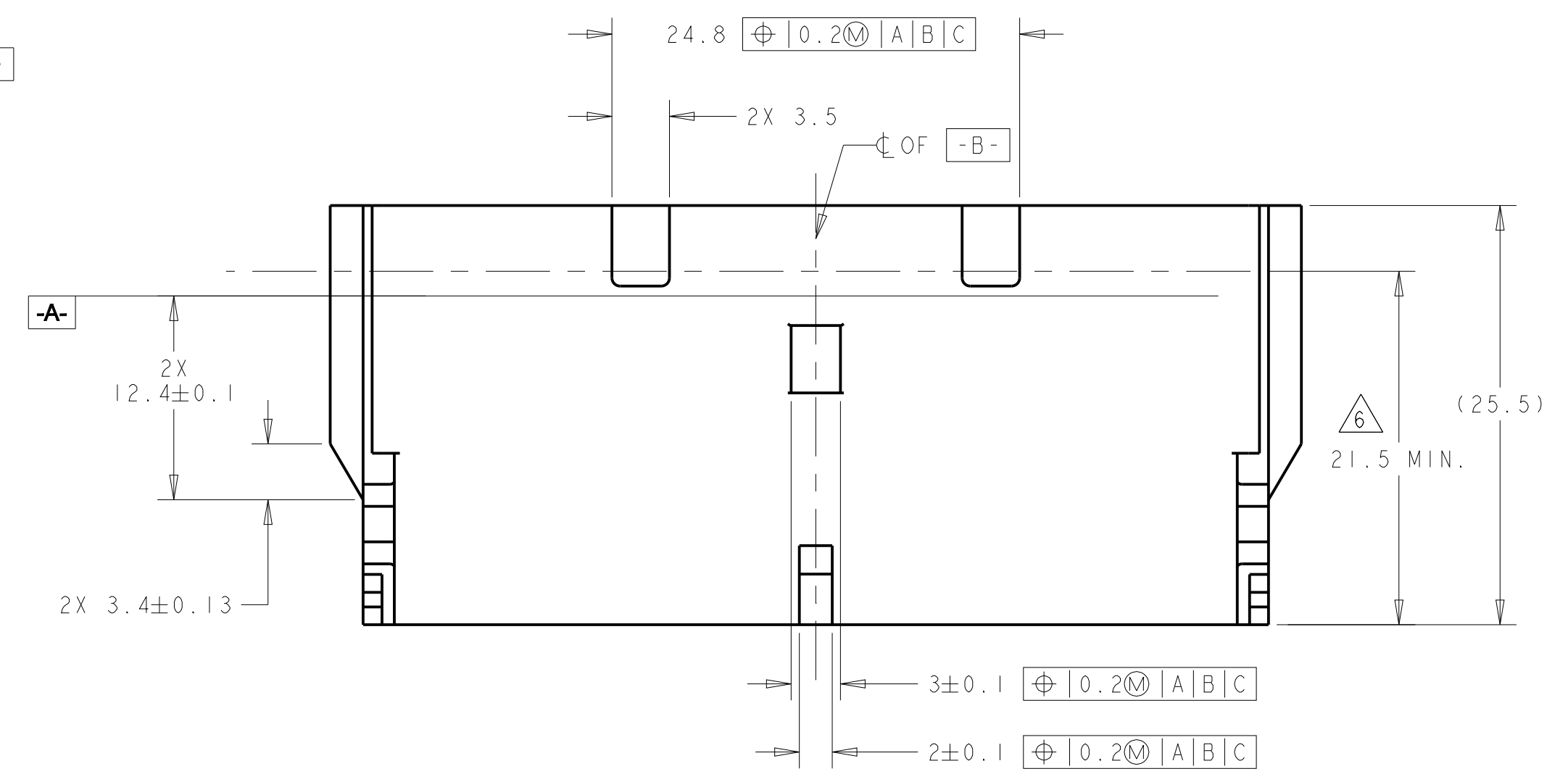
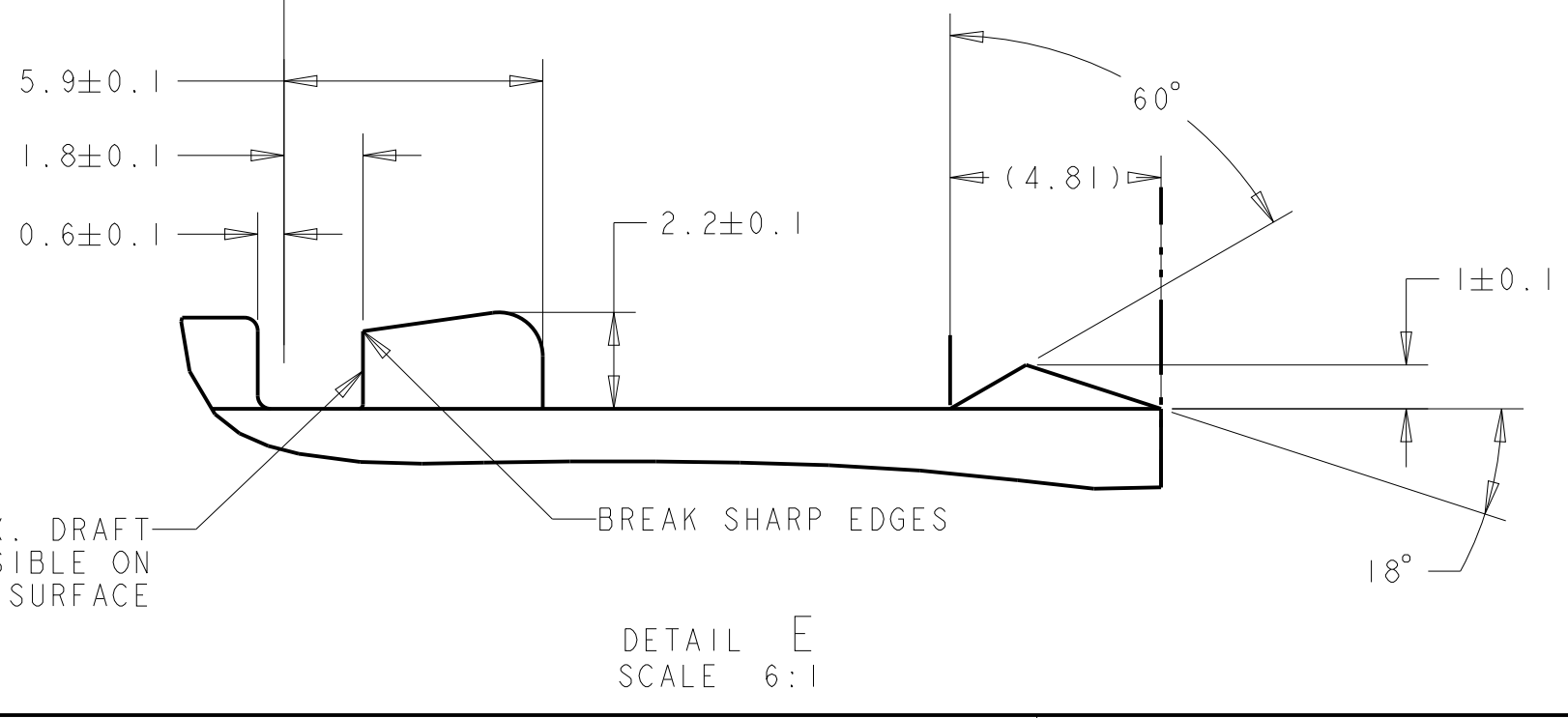
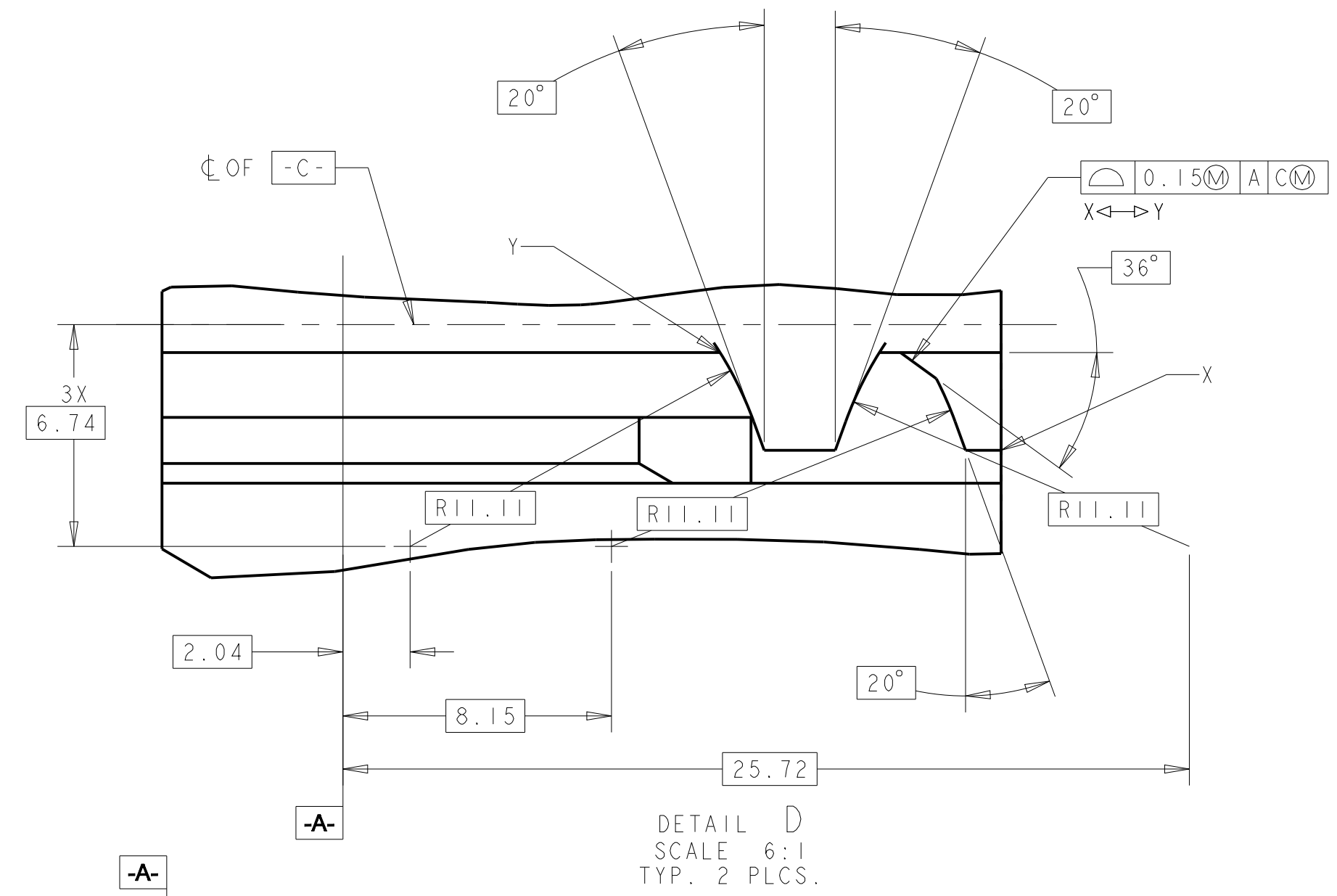
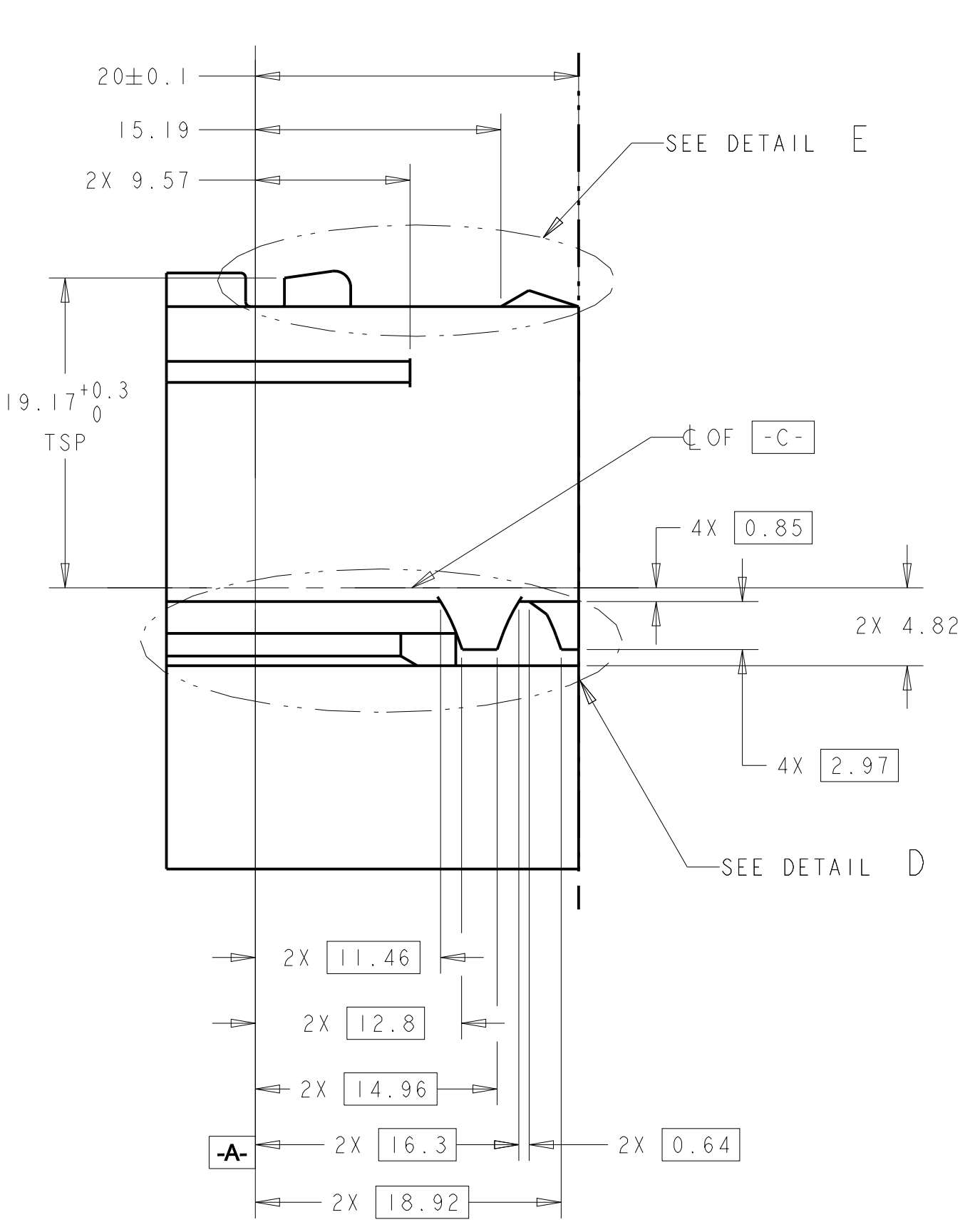
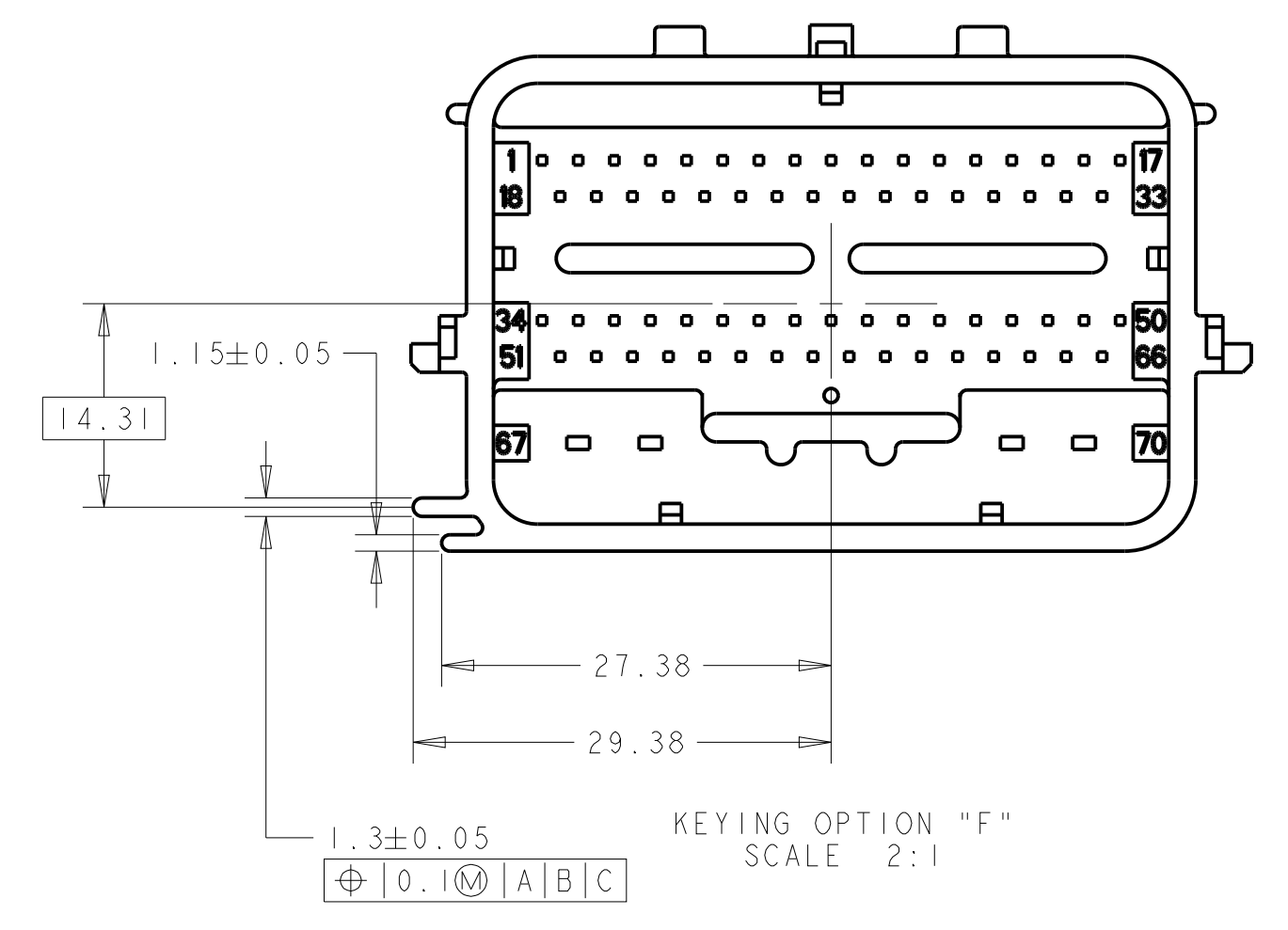
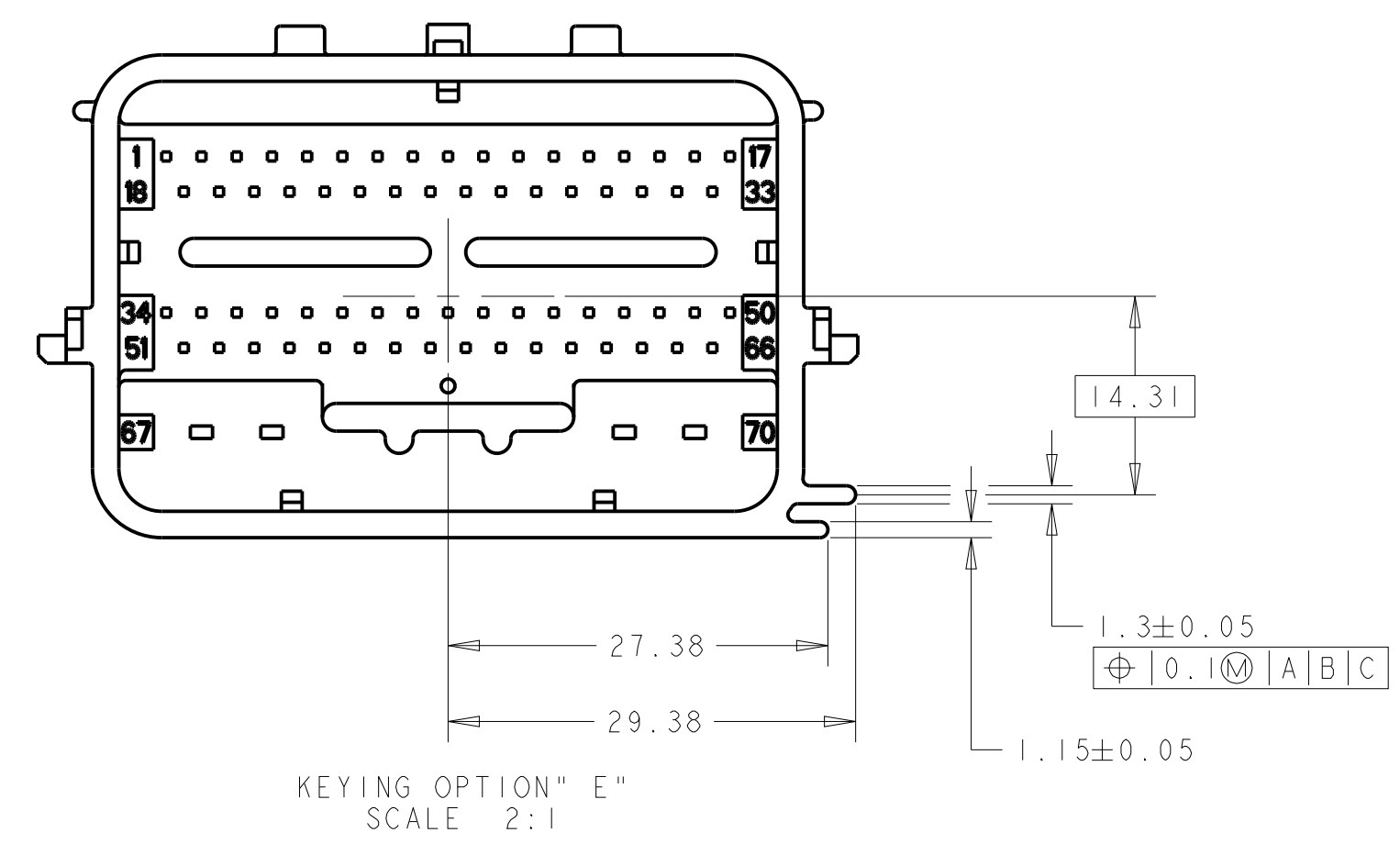
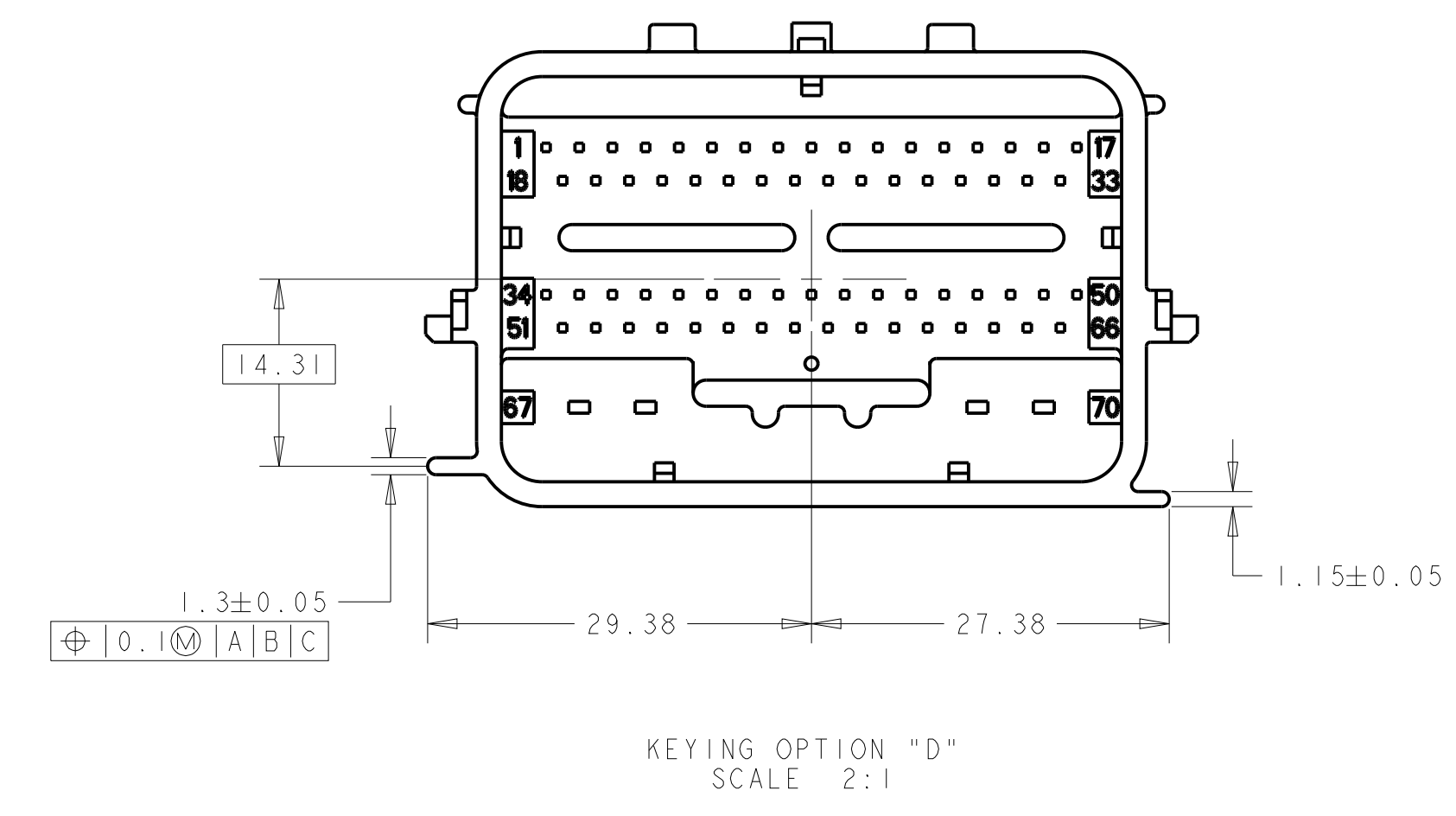
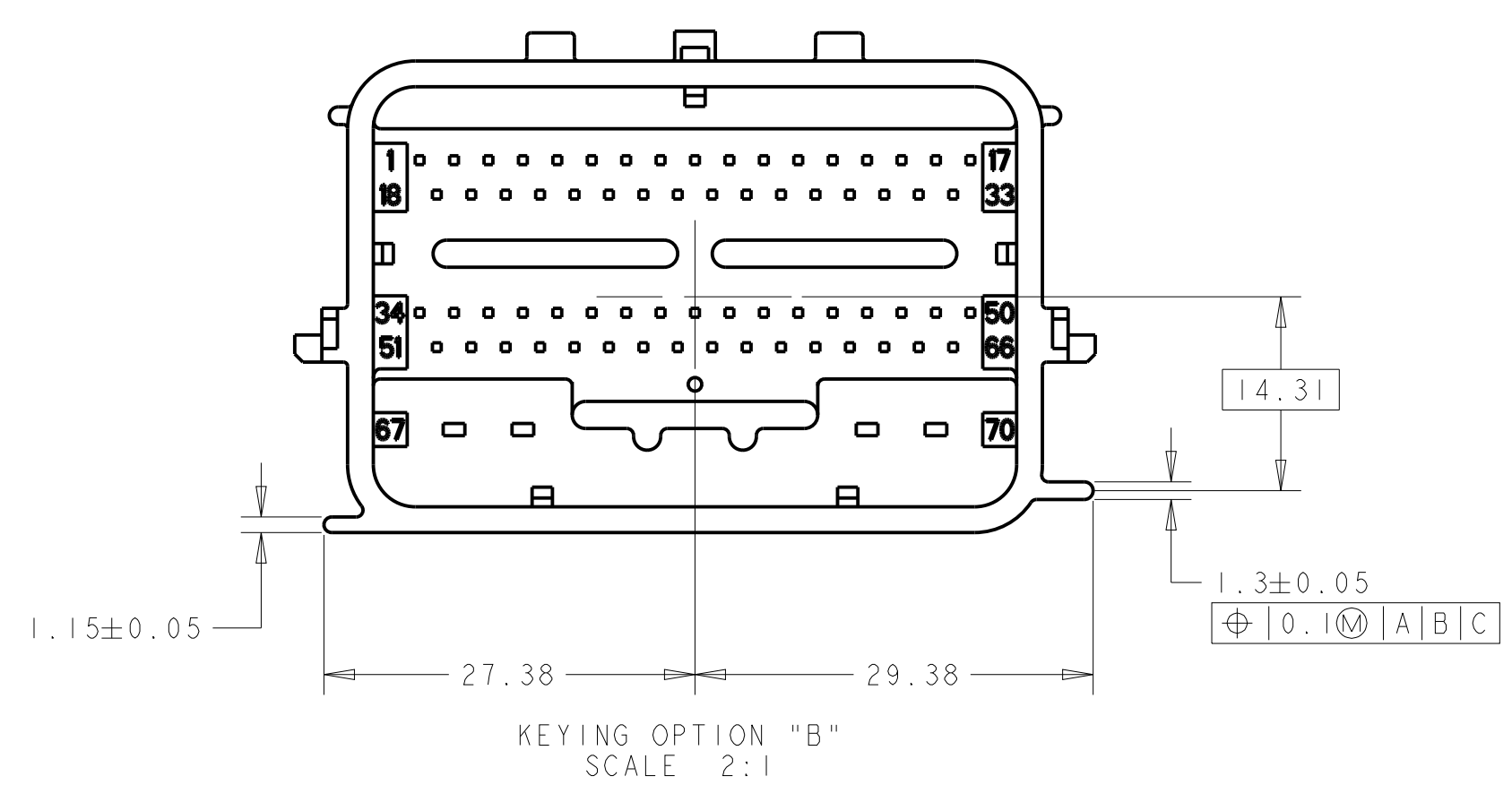
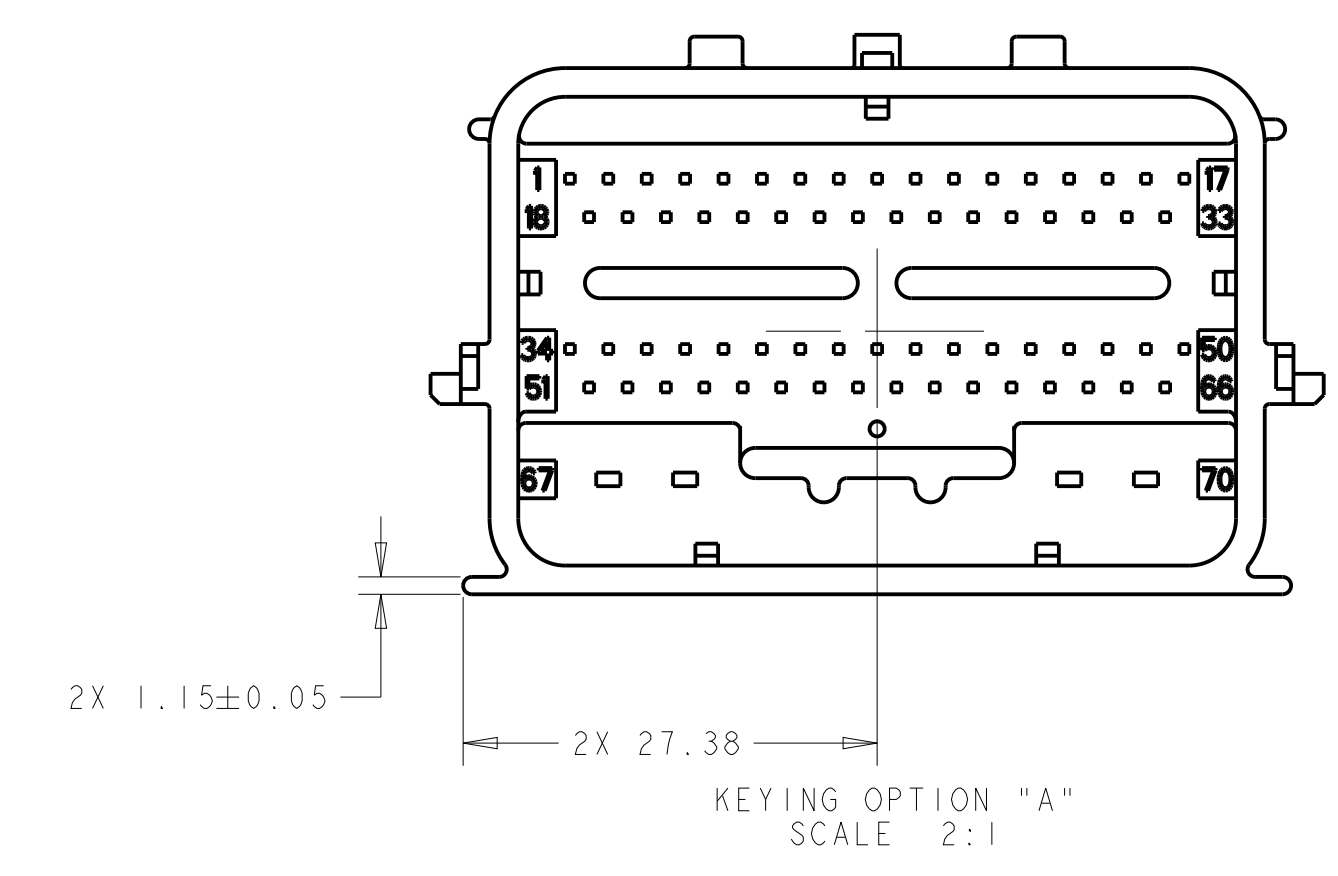
A

D

C

B

A



|                                        |                                        |                            |                         |               |
|----------------------------------------|----------------------------------------|----------------------------|-------------------------|---------------|
| 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               | 70-WAY HARNESS ASSEMBLY |               |
|                                        | 1 PLC ±0.10                            | APPLICATION SPEC           |                         |               |
| MATERIAL                               | FINISH                                 | WEIGHT                     | SIZE                    | RESTRICTED TO |
| -                                      | -                                      | -                          | A100779C=1438136        | -             |
| CUSTOMER DRAWING                       |                                        | SCALE 2:1                  | SHEET 11 OF 11          | REV. 647      |



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

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.