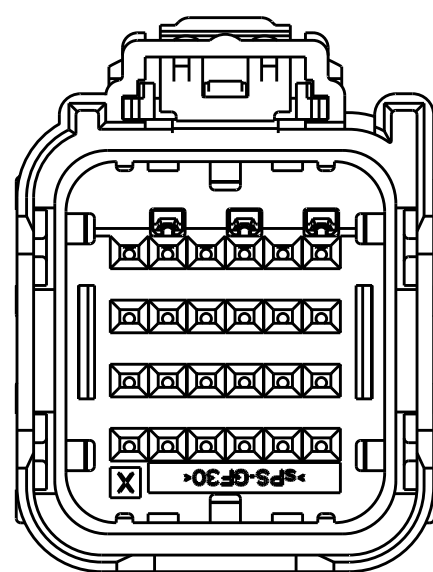
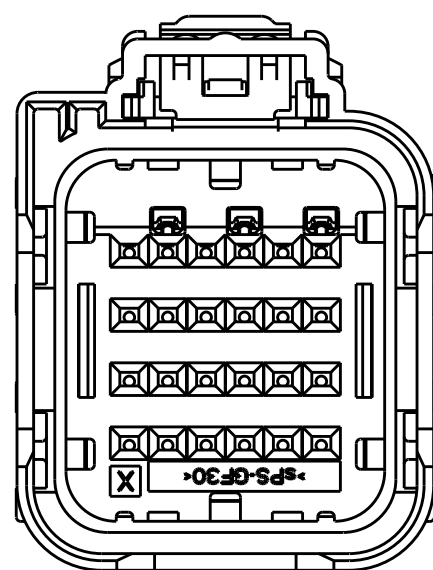


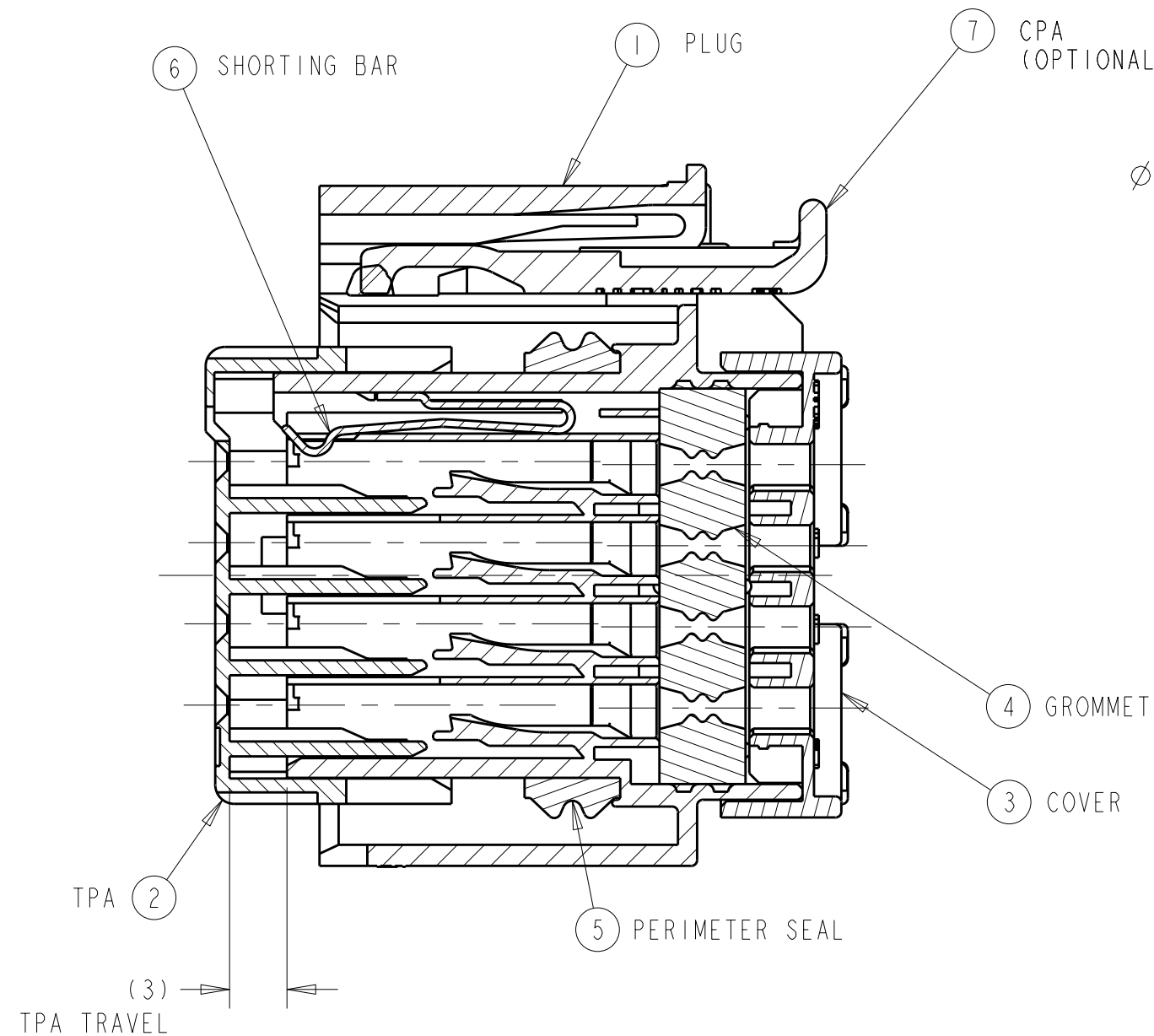
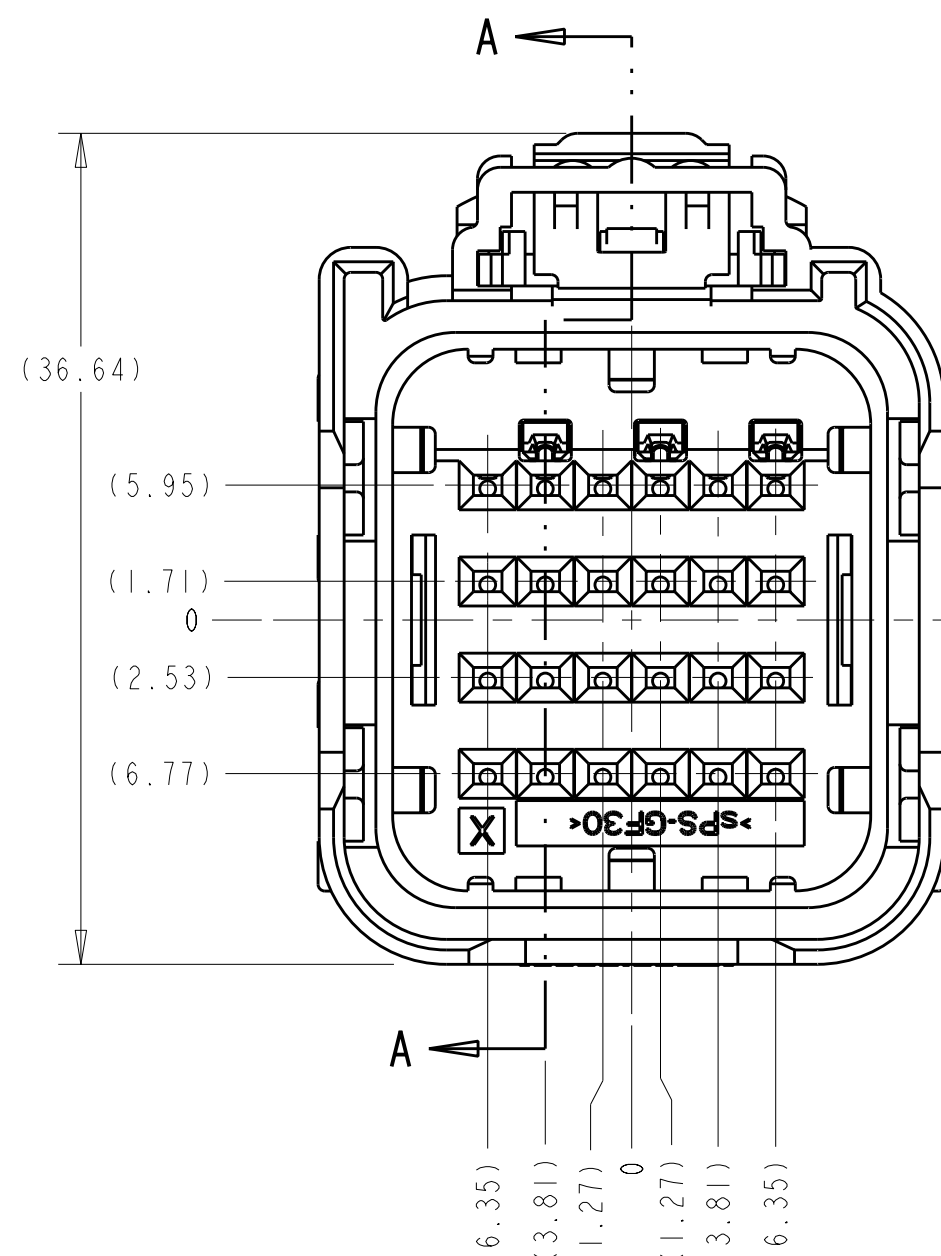
OPTION "B"



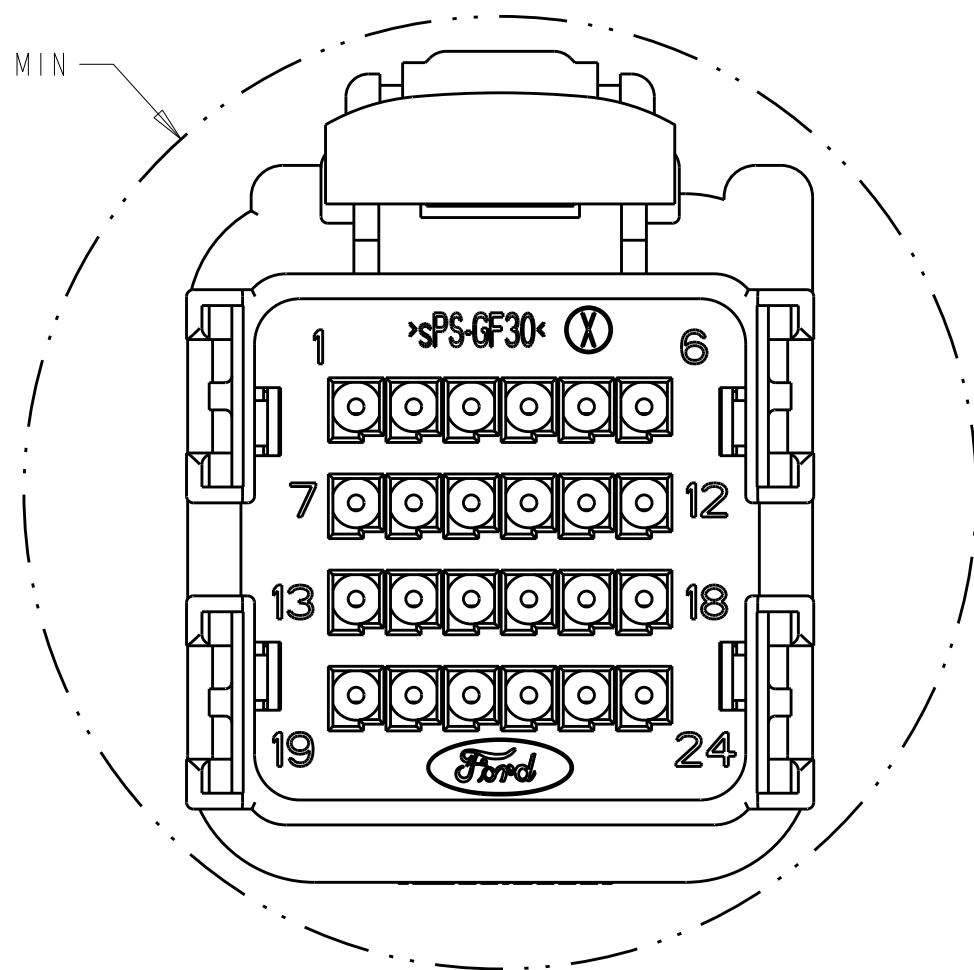
OPTION "D"



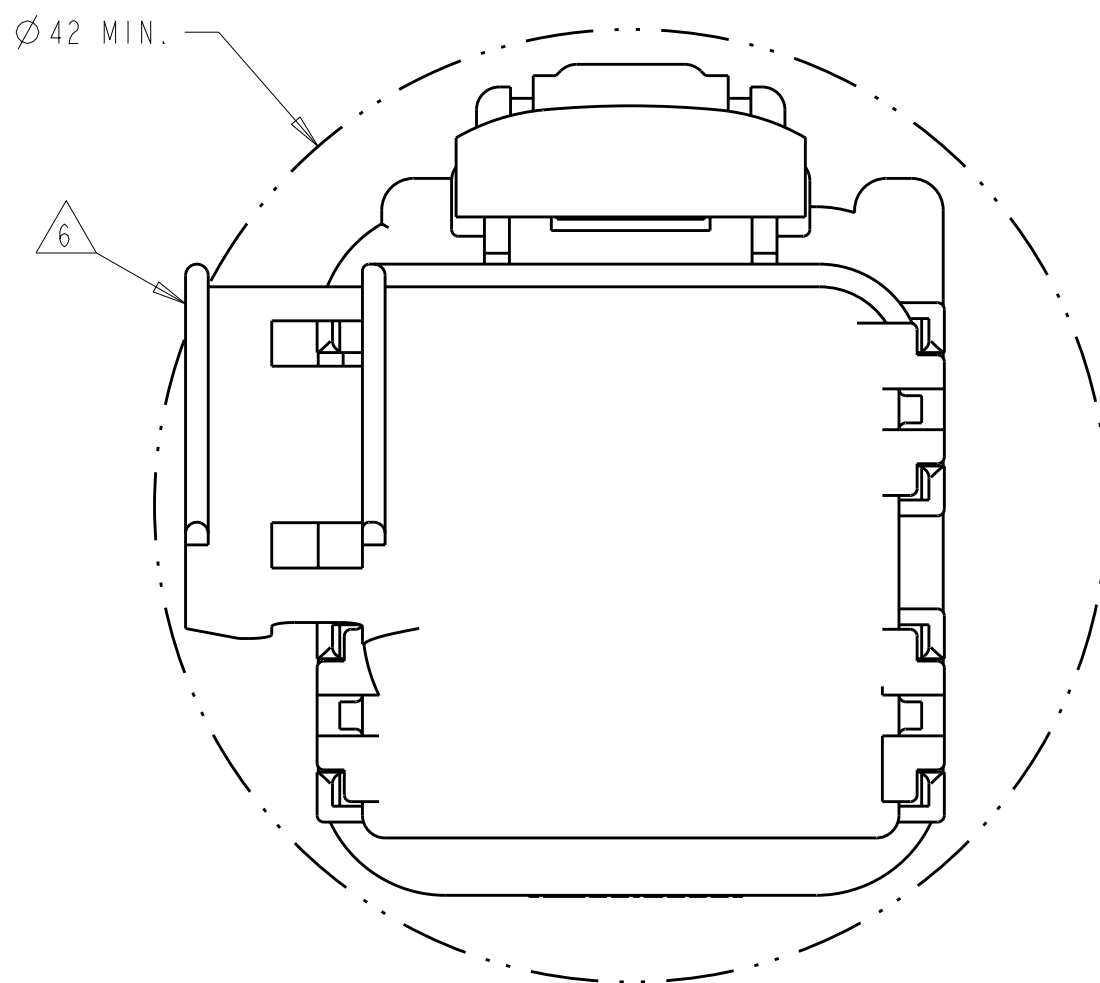
OPTION "F"



SECTION A-A  
SHOWN WITH TPA IN  
IT'S PRE-LOADED POSITION  
(DELIVERY CONDITON)

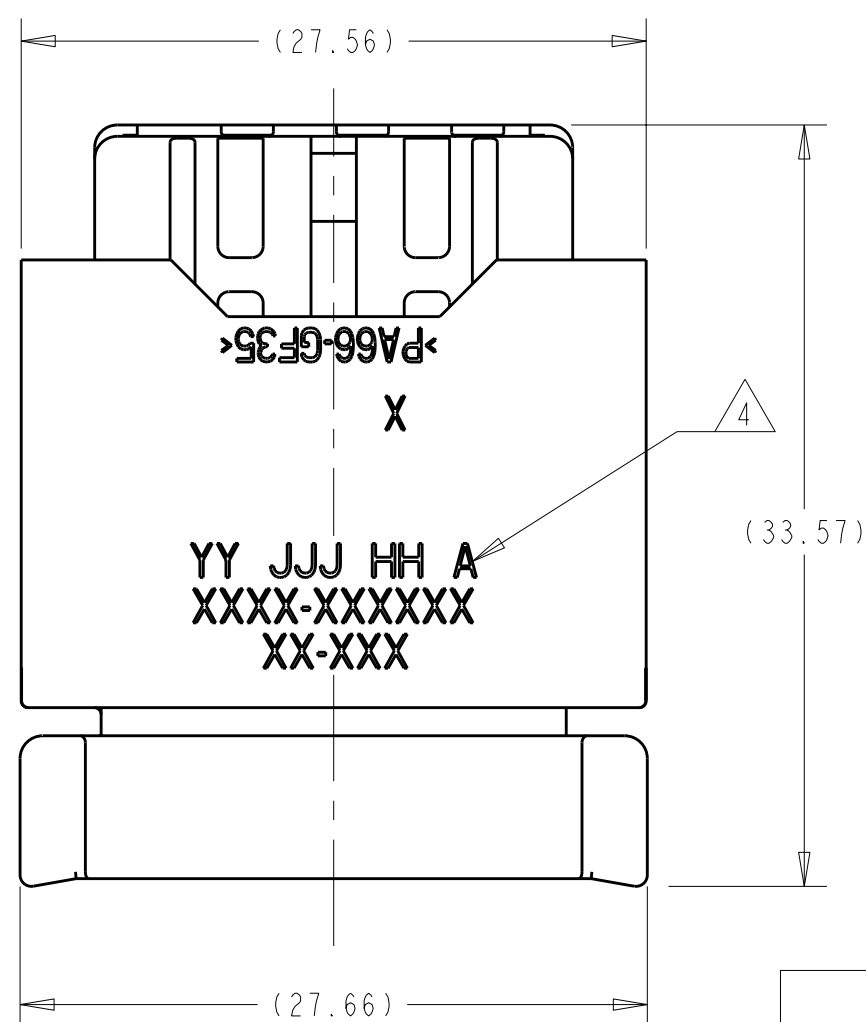


MINIMUM FEED THROUGH CONDITION  
WITH 1mm CLEARANCE ALL AROUND

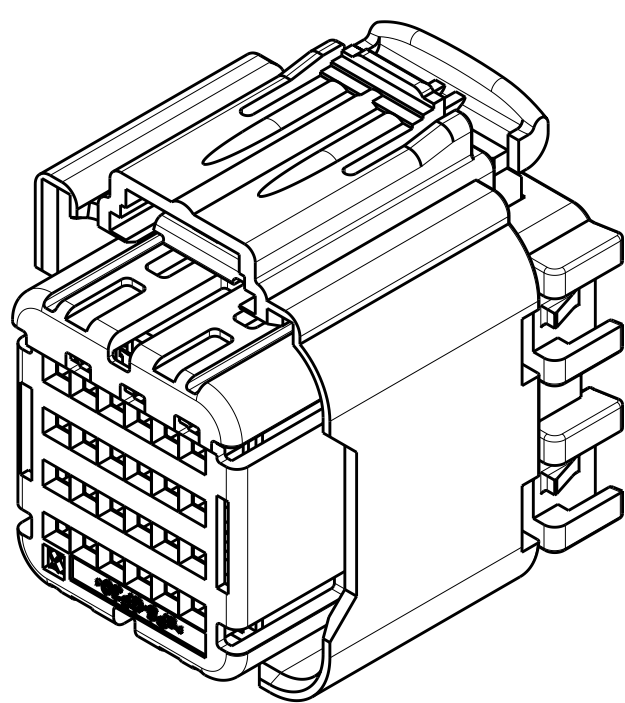


MINIMUM FEED THROUGH CONDITION  
WITH 1mm CLEARANCE ALL AROUND  
SHOWN WITH OPTION WIRESHIELD

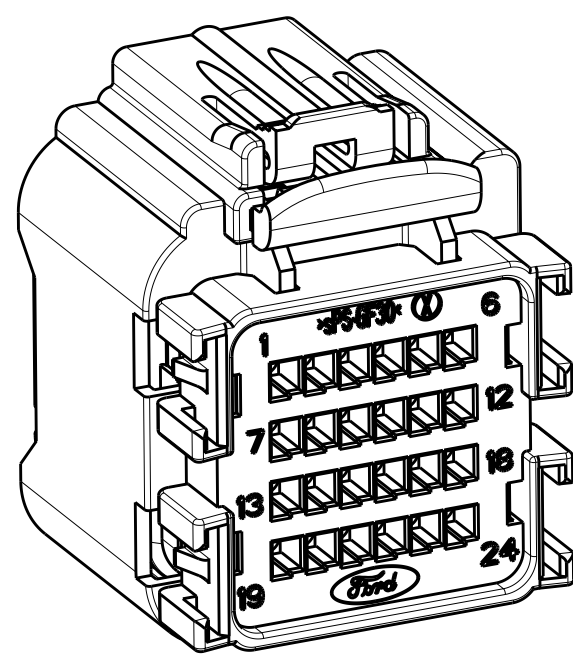
1. APPLICABLE TERMINAL PART NUMBERS (SOLD SEPARATELY):  
FOR TIN APPLICATIONS: 1393367 AND 1393366.  
FOR GOLD APPLICATIONS: 1393365 AND 1393364.  
FOR TERMINATION AND REELING OPTIONS  
SEE DRAWINGS 1393367, 1393366, 1393365, AND 1393364.
2. COMPATIBLE WIRE SIZES FOR MAT SEAL DESIGN 1.19 TO 2.06 O.D.  
(22-18 AWG, 0.35-0.75 mm2)
3. TPA IS SHIPPED IN IT'S PRE-LOADED POSITION. ALL ASSEMBLIES ARE TO BE TRAY PACKAGED.
4. CUSTOMER PART NUMBER AND TRACEABILITY CODE (YY = TWO DIGIT YEAR, JJJ = JULIAN DAY, HH = TWO DIGIT MILITARY HOUR, A = ASSEMBLY PROCESS USED) ARE PRINTED IN THIS LOCATION.
5. PART ASSEMBLY WEIGHT WITHOUT TERMINALS AND WITH STANDARD PIN-OUT CONFIGURATION IS 14.39 GRAMS.
6. OPTIONAL WIRESHIELD P/N 7-1419157-8 (SOLD SEPARATELY). PLEASE CONTACT YOUR TYCO ELECTRONICS SALES REPRESENTATIVE FOR AVAILABILITY AND PRICING.



ASSEMBLY  
PART NUMBERS

[illegible]

SCALE 2:1



SCALE 2:1

|                                                                                       |  |                                                                                                                    |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>R. VESTAL 24JUL2007<br>CHK<br>W. WELLINSKY 24JUL2007<br>APP'D<br>W. WELLINSKY 24JUL2007                     |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm                                                                     |  | 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 ±° |  | NAME<br>24 WAY ARM PLUG ASSEMBLY<br>WITH SELECT LOAD SHORTING BARS<br>CUSTOMER SPEC.                  |  |
|  |  | PRODUCT SPEC<br>APPLICATION SPEC                                                                                   |  | SIZE CAGE CODE DRAWING NO<br>A1 00779 C=1924674                                                       |  |
| MATERIAL<br>SEE CHART ABOVE                                                           |  | WEIGHT<br>SEE-DRAWING 5                                                                                            |  | RESTRICTED TO<br>-                                                                                    |  |
| FINISH<br>-                                                                           |  | CUSTOMER DRAWING                                                                                                   |  | SCALE 3:1 SHEET 1 OF 5 REV S                                                                          |  |





| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| FX  | 00   | REV       | CTR | DESCRIPTION | DATE | OWN | APVD |
|     |      | -         |     | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |

## PIN-OUT CHART

[illegible]

|                                                                                       |  |                        |                                                                              |                                                                                                       |            |       |   |    |   |     |   |
|---------------------------------------------------------------------------------------|--|------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------|-------|---|----|---|-----|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | OWN<br>R VESTAL        | 24JUL2007                                                                    |  TE Connectivity |            |       |   |    |   |     |   |
| DIMENSIONS:                                                                           |  | CHK<br>W. WELLINSKY    | 24JUL2007                                                                    |                                                                                                       |            |       |   |    |   |     |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                |  | APPROV<br>W. WELLINSKY | 24JUL2007                                                                    |                                                                                                       |            |       |   |    |   |     |   |
| mm                                                                                    |  | NAME                   | 24 WAY ARM PLUG ASSEMBLY<br>WITH SELECT LOAD SHORTING BARS<br>CUSTOMER SPEC. |                                                                                                       |            |       |   |    |   |     |   |
|  |  | PRODUCT SPEC           | RESTRICTED TO                                                                |                                                                                                       |            |       |   |    |   |     |   |
| MATERIAL                                                                              |  | APPLICATION SPEC       | SIZE                                                                         | CAGE CODE                                                                                             | DRAWING NO | REV   |   |    |   |     |   |
| SEE CHART ABOVE                                                                       |  | WEIGHT                 | A1                                                                           | 00779                                                                                                 | C-1924674  | -     |   |    |   |     |   |
|                                                                                       |  | CUSTOMER DRAWING       | SCALE                                                                        |                                                                                                       | 3:1        | SHEET | 4 | OF | 5 | REV | S |

| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| FX  | 00   | P         | LYR | DESCRIPTION | DATE | DWN | APVD |
|     |      | -         |     | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |

| PIN-OUT CHART                                                |       |       |                                                                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |                         |                       |  |  |  |  |
|--------------------------------------------------------------|-------|-------|------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-------------------------|-----------------------|--|--|--|--|
|                                                              |       |       |                                                                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |                         |                       |  |  |  |  |
|                                                              |       |       |                                                                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |                         |                       |  |  |  |  |
|                                                              |       |       |                                                                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |                         |                       |  |  |  |  |
|                                                              |       | 1 / 2 |                                                                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | N   | 2098376-1               | KEY "F"               |  |  |  |  |
|                                                              |       | 1 / 2 |                                                                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | N   | 1924686-1               | KEY "E"               |  |  |  |  |
|                                                              |       | 1 / 2 |                                                                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | N   | 1924685-1               | KEY "D"               |  |  |  |  |
|                                                              |       | 1 / 2 |                                                                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | N   | 1924684-1               | KEY "C"               |  |  |  |  |
|                                                              |       | 1 / 2 |                                                                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | N   | 1924683-1               | KEY "B"               |  |  |  |  |
|                                                              |       | 1 / 2 |                                                                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | N   | 1924682-1               | KEY "A"               |  |  |  |  |
| 5 / 6                                                        | 3 / 4 | 1 / 2 | 1                                                                      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | CPA | ASSEMBLY<br>PART NUMBER | PLUG<br>KEYING OPTION |  |  |  |  |
| SHORTING BAR POSITION                                        |       |       | TERMINAL HOLE POSITION                                                 |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |                         |                       |  |  |  |  |
| CAVITIES W/ A NUMERIC SYMBOL<br>INDICATE SHORTING BAR LOADED |       |       | CAVITIES WITH A NUMERIC SYMBOL INDICATE CLOSED TERMINAL HOLE POSITIONS |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |                         |                       |  |  |  |  |
| BLANK CAVITIES INDICATE<br>NO SHORTING BAR LOADED            |       |       | BLANK CAVITIES INDICATE OPEN TERMINAL HOLE POSITIONS                   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |                         |                       |  |  |  |  |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

MATERIAL

SEE CHART ABOVE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

9 PLC ±.3

1 PLC ±0.10

2 PLC ±.10

3 PLC ±.

4 PLC ±.

ANGLES ±°

FINISH -

DWN R. VESTAL 24JUL2007

CHK W. WELLINSKY 24JUL2007

APVD W. WELLINSKY 24JUL2007

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

NAME 24 WAY ARM PLUG ASSEMBLY WITH SELECT LOAD SHORTING BARS CUSTOMER SPEC.

SIZE A1 CAGE CODE 00779 DRAWING NO C=1924674

RESTRICTED TO -

SCALE 3:1 SHEET 5 OF 5 REV S

TE Connectivity

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