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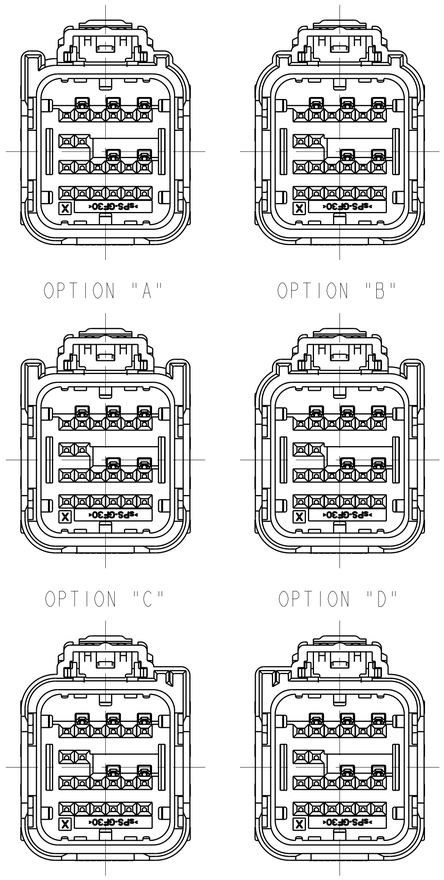
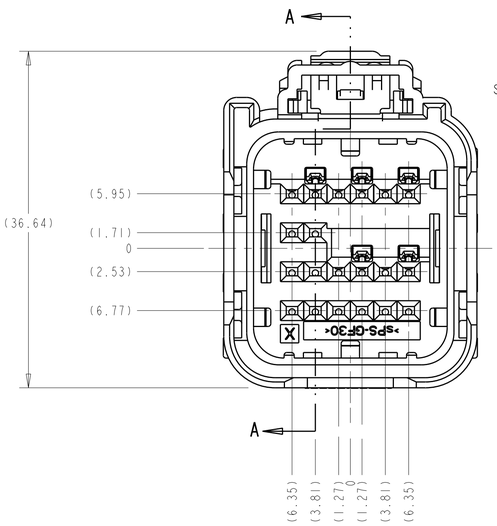
| LOC | DIST |
|---|---|
| FX | 00 |

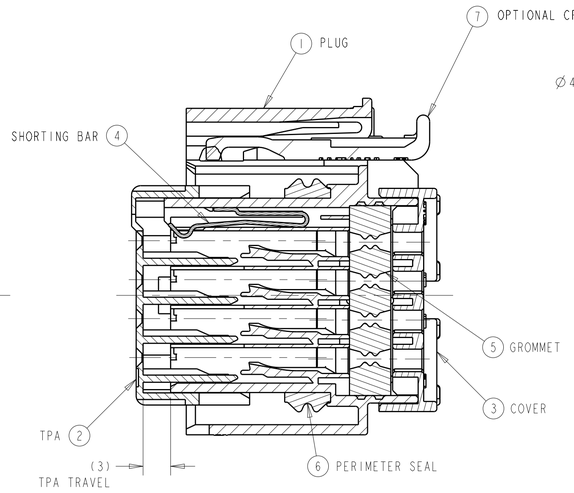
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | D | REVISED PER ECO-09-011983 | 19MAY2009 | DLD | WTW |

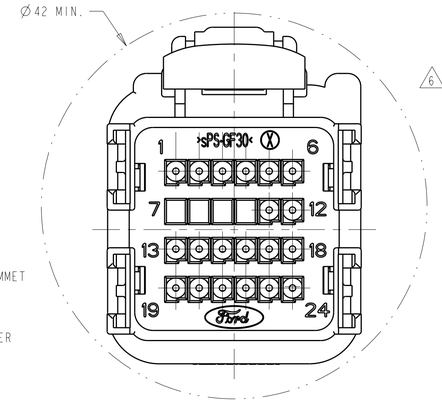
## KEYING OPTIONS
SCALE 2:1



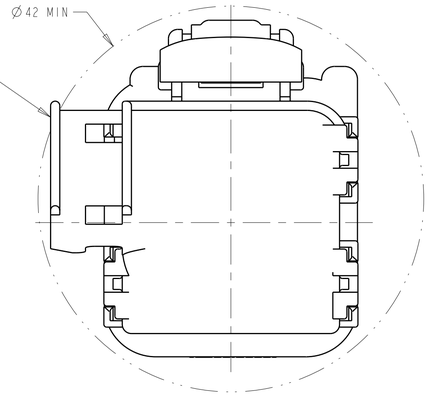



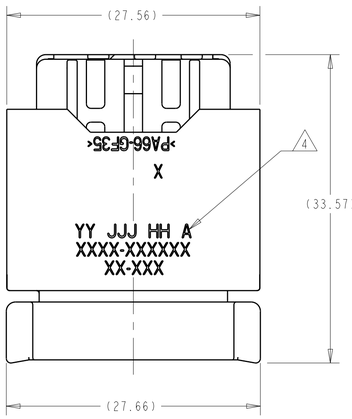

SECTION A-A
SHOWN WITH TPA IN
IT'S PRE-LOADED POSITION
(DELIVERY CONDTION)

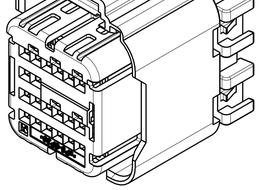



MINIMUM FEED THROUGH CONDITION
WITH 1mm CLEARANCE ALL AROUND

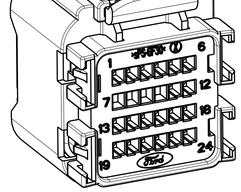



MINIMUM FEED THROUGH CONDITION
WITH 1mm CLEARANCE ALL AROUND
SHOWN WITH OPTION WIRESHIELD



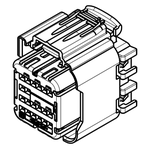



SCALE 2:1




SCALE 2:1

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 15.35 GRAMS.
6. OPTIONAL WIRESHIELD P/N 7-1419157-8 (SOLD SEPARATELY). PLEASE CONTACT YOUR TYCO ELECTRONICS SALES REPRESENTATIVE FOR AVAILABILITY AND PRICING.
7. PART NUMBER IS LOADED WITH 4 SHORTING BARS. NO SHORTING BAR LOADED BETWEEN TERMINAL HOLE POSITIONS (9/10).



SCALE 1:1

## KEYING OPTION "A" SHOWN

| 3-1924672-5 | 1924681-1 | 1924680-1 | 3-1924672-4 | 3-1924672-3 | 3-1924672-2 | 5-1924670-1 | 5-1924670-0 | 4-1924670-9 | 4-1924670-8 | 4-1924670-7 | 4-1924670-6 | 4-1924670-5 | 4-1924670-4 | 4-1924670-3 | 4-1924670-2 | 4-1924670-1 | 4-1924670-0 | 3-1924670-9 | 3-1924670-8 | 3-1924670-7 | 3-1924670-6 | 3-1924670-5 | 3-1924670-4 | 3-1924670-3 | 3-1924670-2 | 1924671-5 | 1924671-4 | 1924671-3 | 3-1924670-1 | 3-1924670-0 | 3-1924672-0 | 2-1924672-9 | 2-1924672-8 | 2-1924672-7 | 2-1924672-6 | 2-1924672-5 | 2-1924672-4 | 2-1924672-3 | 2-1924672-2 | 2-1924672-1 | 2-1924672-0 | 1-1924672-9 | 1-1924672-8 | 1-1924672-7 | 1-1924672-6 | 1-1924672-5 | 1-1924672-4 | 1-1924672-3 | 1-1924672-2 | 1-1924672-1 | 1-1924672-0 | 1924672-9 | 1924672-8 | 1924672-7 | 1924672-6 | 1924672-5 | 1924672-4 | 1924672-3 | 1924672-2 | 1924672-1 | 1924671-2 | 2-1924670-8 | 1924671-1 | 2-1924670-7 | 2-1924670-6 | 2-1924670-5 | 2-1924670-4 | 2-1924670-3 | 2-1924670-2 | 2-1924670-1 | 1-1924670-9 | 1-1924670-8 | 1-1924670-7 | 1-1924670-6 | 1-1924670-5 | 1-1924670-4 | 1-1924670-3 | 1-1924670-2 | 1-1924670-1 | 1-1924670-0 | 1924670-9 | 1924670-8 | 1924670-7 | 1924670-6 | 1924670-5 | 1924670-4 | 1924670-3 | 1924670-2 | 1924670-1 | ASSEMBLY PART NUMBER | ITEM | DESCRIPTION | MATERIAL | FINISH/COLOR |
|---|---|---|---|---|---

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| FX | 00 |

REVISIONS

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

| ASSEMBLY PART NUMBER | ITEM | DESCRIPTION | MATERIAL | FINISH/COLOR | QUANTITY |
|---|---|---|---|---|---|
| 6-1924670-6 | 7 | CPA | PBT-GF15 | RED | 1 |
| 6-1924670-5 | 6 | PERIMETER SEAL | SILICONE | GREEN | 1 |
| 3-1924672-7 | 5 | GROMMET | SILICONE | BROWN | 1 |
| 3-1924672-6 | 4 | SHORTING BAR | S.S. | SEE COMPONENT DRAWING | 5 |
| 6-1924670-4 | 3 | COVER | PA66 35% GF | BLACK | 1 |
| 6-1924670-3 | 2 | SPACER FOR SHORTING BAR APPLICATIONS | sPS 30% GF | NATURAL | 1 |
| 6-1924670-2 | 1 | PLUG WITH KEYING OPTION "D" AND 5 SHORTING BAR POSITIONS CONFIGURATION | PA66 35% GF | BLACK | |
| 6-1924670-1 | | PLUG WITH KEYING OPTION "C" AND 5 SHORTING BAR POSITIONS CONFIGURATION | PA66 35% GF | BLACK | |
| 6-1924670-0 | | PLUG WITH KEYING OPTION "B" AND 5 SHORTING BAR POSITIONS CONFIGURATION | PA66 35% GF | BLACK | |
| 1924673-3 (7) | | PLUG WITH KEYING OPTION "A" AND 5 SHORTING BAR POSITIONS CONFIGURATION | PA66 35% GF | BLACK | |
| 1924673-2 (7) | | | | | |
| 1924673-1 (7) | | | | | |
| 5-1924670-9 | | | | | 1 |
| 5-1924670-8 | | | | | 1 |
| 5-1924670-7 | | | | | 1 |
| 1924671-8 | | | | | 1 |
| 1924671-7 | | | | | 1 |
| 1924671-6 | | | | | 1 |
| 5-1924670-6 | | | | | 1 |
| 5-1924670-5 | | | | | 1 |
| 5-1924670-4 | | | | | 1 |
| 5-1924670-3 | | | | | 1 |
| 5-1924670-2 | | | | | 1 |

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±3°

MATERIAL -
FINISH -

DWN R. VESTAL 23JUL2007
CHK W. WELLINSKY 23JUL2007
APVD W. WELLINSKY 23JUL2007
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

Tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

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

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1924670 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 3:1 | SHEET 2 OF 3 | REV D

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| LOC | DIST |
|---|---|
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REVISIONS

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

PIN-OUT CHART

| | | |