

| LOC | DIST | REVISIONS |     |             |                           |         |        |
|-----|------|-----------|-----|-------------|---------------------------|---------|--------|
|     |      | P         | LTR | DESCRIPTION |                           | DATE    | APVD   |
| E   | B    |           |     | A1          | REVISED PER ECO-11-005150 | 21MAR11 | RK HMR |

- NOTES:
1. ELECTRICAL DATA:

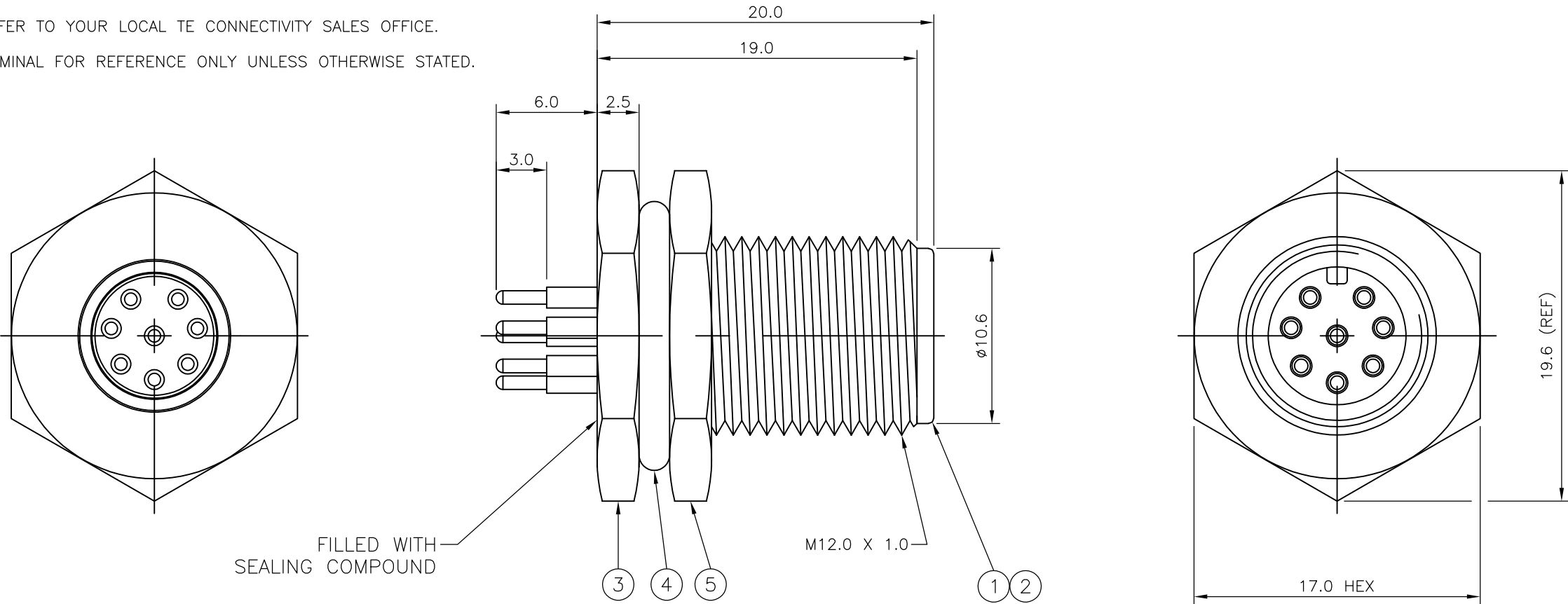
CONTACT RESISTANCE: 10 mOhm MAX  
INSULATION RESISTANCE: 100 MOhm MIN at 500VDC  
CURRENT RATING: 5 AMPS (FOR 3, 4 AND 5 POSITIONS) AND 2 AMPS (FOR 8 POSITION ONLY)  
BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE
2. ENVIRONMENTAL:

OPERATING TEMPERATURE: -25°C TO +90°C  
SEALING REQUIREMENTS: IP67
3. PROD SPEC:

108-3641
4. PACKAGING:

107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TE CONNECTIVITY SALES OFFICE.
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.

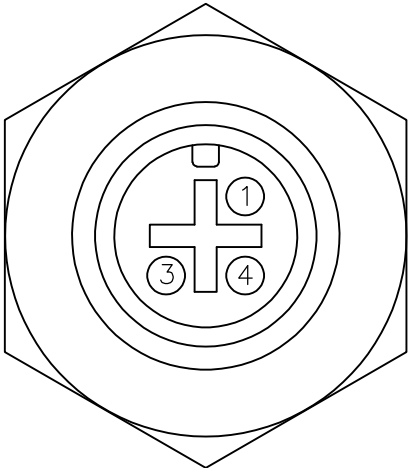
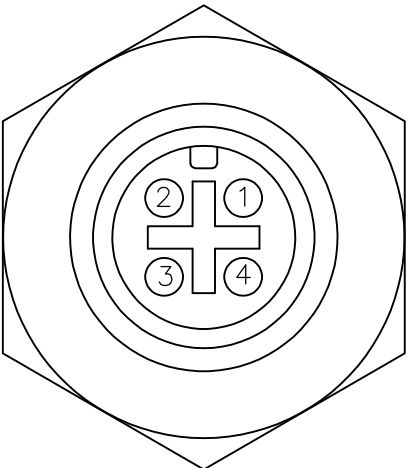
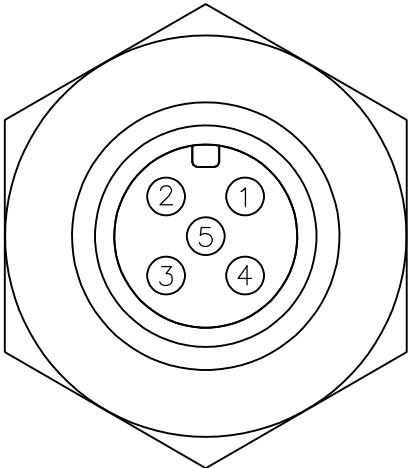
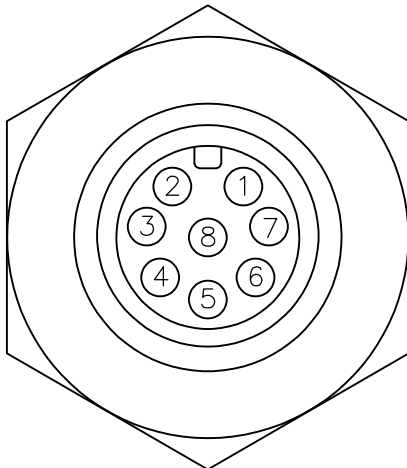
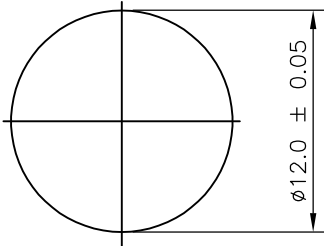
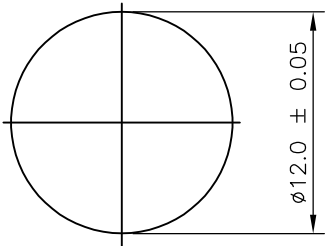
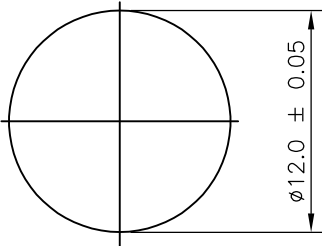
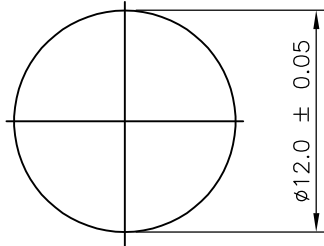
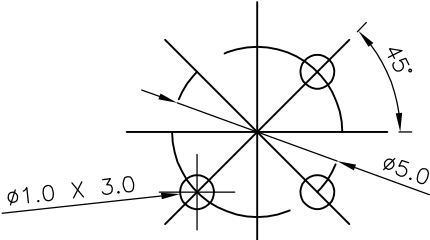
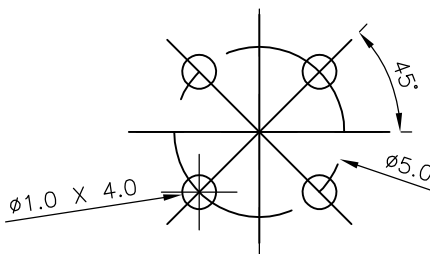
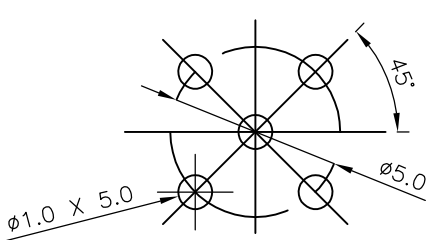
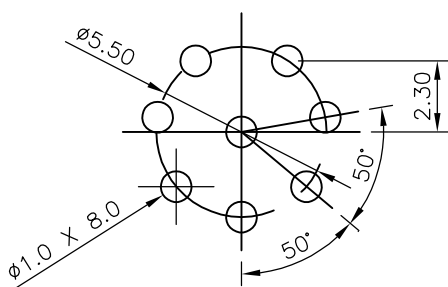
| ITEM | DESCRIPTION       | MATERIAL | FINISH/COLOUR           | QUANTITY / ITEM |    |    |    |
|------|-------------------|----------|-------------------------|-----------------|----|----|----|
|      |                   |          |                         | -1              | -2 | -3 | -4 |
| 1    | CONNECTOR HOUSING | GF NYLON | BLACK                   | 1               | 1  | 1  | 1  |
| 2    | PIN CONTACT       | BRASS    | 0.15µm GOLD OVER NICKEL | 3               | 4  | 5  | 8  |
| 3    | CONNECTOR BODY    | BRASS    | NICKEL PLATED           | 1               | 1  | 1  | 1  |
| 4    | 'O' RING          | EPDM     | BLACK                   | 1               | 1  | 1  | 1  |
| 5    | SCREW NUT         | BRASS    | 0.25µm NICKEL PLATED    | 1               | 1  | 1  | 1  |



|                                                                                 |            |             |
|---------------------------------------------------------------------------------|------------|-------------|
| M12 METAL MALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING | 8          | 1838420-4   |
| M12 METAL MALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING | 5          | 1838420-3   |
| M12 METAL MALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING | 4          | 1838420-2   |
| M12 METAL MALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING | 3          | 1838420-1   |
| DESCRIPTION                                                                     | NO. OF POS | PART NUMBER |

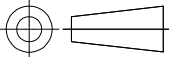
|                                        |  |                        |         |                                                                                                       |                    |                         |
|----------------------------------------|--|------------------------|---------|-------------------------------------------------------------------------------------------------------|--------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>A.Morey         | 8MAR06  |  TE Connectivity |                    |                         |
|                                        |  | CHK<br>F.Wheeler-King  | 12APR06 |                                                                                                       |                    |                         |
|                                        |  | APVD<br>F.Wheeler-King | 12APR06 | NAME<br>M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, FRONT (HEXAGONAL) MOUNTING            |                    |                         |
|                                        |  | PRODUCT SPEC<br>—      |         |                                                                                                       |                    |                         |
|                                        |  | APPLICATION SPEC<br>—  |         |                                                                                                       |                    |                         |
|                                        |  | WEIGHT<br>—            |         | SIZE<br>A3                                                                                            | CAGE CODE<br>00779 | DRAWING NO<br>C-1838420 |
|                                        |  | CUSTOMER DRAWING       |         | SCALE<br>NTS                                                                                          | SHEET<br>1 OF 2    | REV<br>A1               |

| LOC | DIST | REVISIONS |     |             |      |      |
|-----|------|-----------|-----|-------------|------|------|
| E   | B    | P         | LTR | DESCRIPTION | DATE | APVD |
|     |      | -         | -   | SEE SHEET 1 | -    | -    |

| 1838420-1                                                                                                                                                | 1838420-2                                                                                                                                                  | 1838420-3                                                                                                                                                  | 1838420-4                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>PIN ASSIGNMENTS<br/>FRONT VIEW</div>                               | <div>PIN ASSIGNMENTS<br/>FRONT VIEW</div>                                | <div>PIN ASSIGNMENTS<br/>FRONT VIEW</div>                               | <div>PIN ASSIGNMENTS<br/>FRONT VIEW</div>                               |
| <div>RECOMMENDED PANEL CUT-OUT<br/>(MAX PANEL THICKNESS 8.0mm)</div>  | <div>RECOMMENDED PANEL CUT-OUT<br/>(MAX PANEL THICKNESS 8.0mm)</div>  | <div>RECOMMENDED PANEL CUT-OUT<br/>(MAX PANEL THICKNESS 8.0mm)</div>  | <div>RECOMMENDED PANEL CUT-OUT<br/>(MAX PANEL THICKNESS 8.0mm)</div>  |
| <div>RECOMMENDED PCB LAYOUT</div>                                     | <div>RECOMMENDED PCB LAYOUT</div>                                      | <div>RECOMMENDED PCB LAYOUT</div>                                     | <div>RECOMMENDED PCB LAYOUT</div>                                     |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm



MATERIAL  
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH -

DWN  
A.Morey  
08MAR06

CHK  
F.Wheeler-King  
12APR06

APVD  
F.Wheeler-King  
12APR06

PRODUCT SPEC  
-

APPLICATION SPEC  
-

WEIGHT  
-

CUSTOMER DRAWING

TE Connectivity

M12 METAL MALE PANEL MOUNT CONNECTOR,  
SOLDER, STRAIGHT, FRONT (CIRCULAR) MOUNTING

SIZE  
A3

CAGE CODE  
00779

DRAWING NO  
C-1838420

RESTRICTED TO  
-

SCALE  
NTS

SHEET  
2 OF 2

REV  
A1

1470-19 (3/11)