

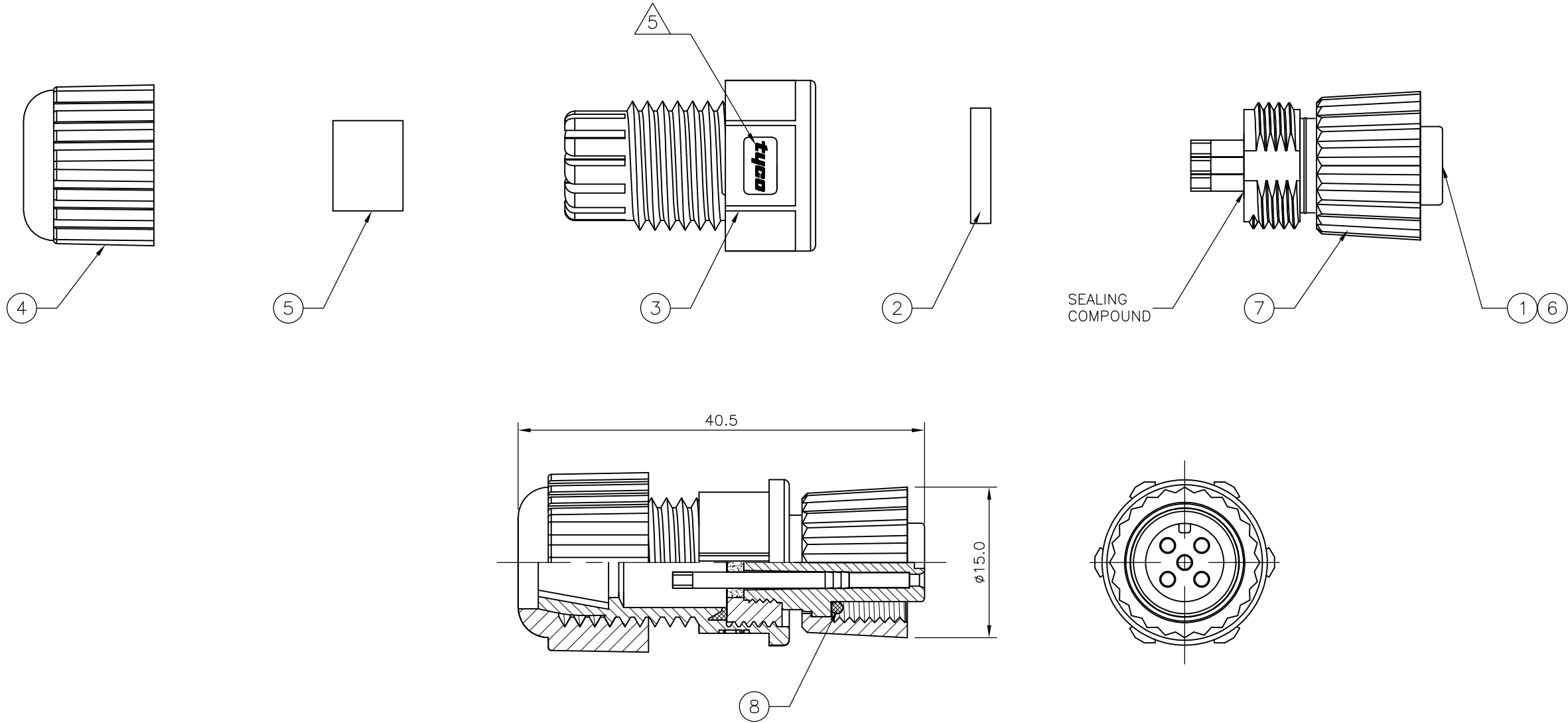
| LOC  | DIST              | REVISIONS |          |                           |  |                 |         |     |      |
|------|-------------------|-----------|----------|---------------------------|--|-----------------|---------|-----|------|
|      |                   | P         | LTR      | DESCRIPTION               |  |                 | DATE    | DWN | APVD |
|      |                   |           | B1       | REVISED PER ECO-11-005150 |  |                 | 21MAR11 | RK  | HMR  |
| ITEM | DESCRIPTION       |           | MATERIAL | FINISH/COLOUR             |  | QUANTITY / ITEM |         |     |      |
| 1    | CONNECTOR HOUSING |           | GF NYLON | BLACK                     |  | -1              | -2      | -3  |      |
| 2    | GASKET            |           | SILICONE | BLACK                     |  | 1               | 1       | 1   |      |
| 3    | CONNECTOR BODY    |           | GF NYLON | BLACK                     |  | 1               | 1       | 1   |      |
| 4    | SEALING NUT       |           | GF NYLON | BLACK                     |  | 1               | 1       | 1   |      |
| 5    | SEAL              |           | EPDM     | BLACK                     |  | 1               | 1       | 1   |      |
| 6    | SOCKET CONTACT    |           | BRASS    | 0.15µm GOLD OVER NICKEL   |  | 3               | 4       | 5   |      |
| 7    | SCREW NUT         |           | GF NYLON | BLACK                     |  | 1               | 1       | 1   |      |
| 8    | 'O' RING          |           | VITON    | GREEN                     |  | 1               | 1       | 1   |      |

- NOTES:
1. ELECTRICAL DATA:

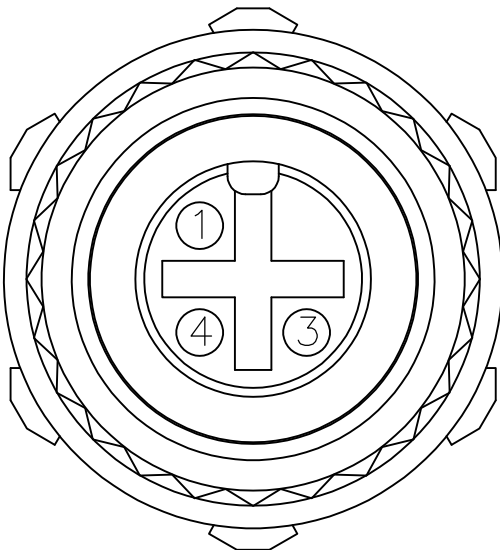
CONTACT RESISTANCE: 10 mOhm MAX  
INSULATION RESISTANCE: 100 MOhm MIN at 500VDC  
CURRENT RATING: 5 AMPS (FOR 3, 4 AND 5 POSITIONS) AND 2 AMPS (FOR 8 POSITIONS)  
BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE
2. ENVIRONMENTAL:

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

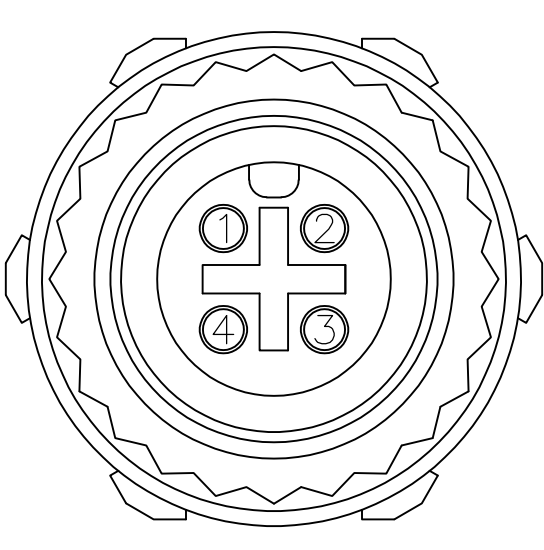
107-3334
4. SEAL FOR CABLE OD:  $\varnothing$ 4.5mm -  $\varnothing$ 6.5mm
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TE CONNECTIVITY SALES OFFICE.
6. ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY UNLESS OTHERWISE STATED.



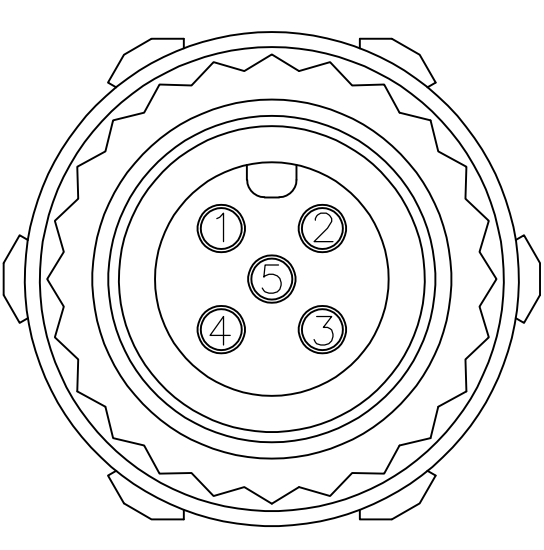
1838276-1  
PIN ASSIGNMENTS  
FRONT VIEW



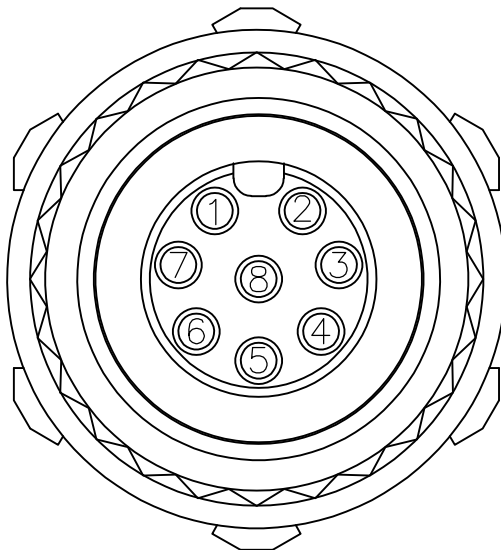
1838276-2  
PIN ASSIGNMENTS  
FRONT VIEW

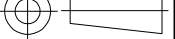


1838276-3  
PIN ASSIGNMENTS  
FRONT VIEW



1838276-4  
PIN ASSIGNMENTS  
FRONT VIEW



|                                                                                       |  |                                       |         |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|---------------------------------------|---------|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>A.Morey                        | 14MAR06 |  TE Connectivity |  |
|                                                                                       |  | CHK<br>F.Wheeler-King                 | 12APR06 |                                                                                                       |  |
|                                                                                       |  | APVD<br>F.Wheeler-King                | 12APR06 |                                                                                                       |  |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |         | NAME                                                                                                  |  |
| mm                                                                                    |  |                                       |         | M12 PLASTIC FIELD SERVICEABLE CONNECTOR,<br>FEMALE SOCKET, SOLDER TYPE                                |  |
|  |  | 0 PLC ±                               |         | NAME                                                                                                  |  |
|                                                                                       |  | 1 PLC ±                               |         | APPLICATION SPEC                                                                                      |  |
|                                                                                       |  | 2 PLC ±                               |         | —                                                                                                     |  |
|                                                                                       |  | 3 PLC ±                               |         | —                                                                                                     |  |
|                                                                                       |  | 4 PLC ±                               |         | —                                                                                                     |  |
| ANGLES ± ±                                                                            |  | APPLICATION SPEC                      |         | SIZE                                                                                                  |  |
| MATERIAL                                                                              |  | FINISH                                |         | CAGE CODE                                                                                             |  |
| —                                                                                     |  | —                                     |         | DRAWING NO                                                                                            |  |
|                                                                                       |  | WEIGHT —                              |         | RESTRICTED TO                                                                                         |  |
|                                                                                       |  | CUSTOMER DRAWING                      |         | A2 00779 C=1838276                                                                                    |  |
|                                                                                       |  |                                       |         | SCALE                                                                                                 |  |
|                                                                                       |  |                                       |         | NTS                                                                                                   |  |
|                                                                                       |  |                                       |         | SHEET                                                                                                 |  |
|                                                                                       |  |                                       |         | 1 of 1                                                                                                |  |
|                                                                                       |  |                                       |         | REV                                                                                                   |  |
|                                                                                       |  |                                       |         | B1                                                                                                    |  |