

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

- NOTES:
1. ELECTRICAL DATA:

CONTACT RESISTANCE: 10 mOhm MAX
INSULATION RESISTANCE: 100 MOhm MIN at 500VDC
CURRENT RATING: 5 AMPS
BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE
2. ENVIRONMENTAL:

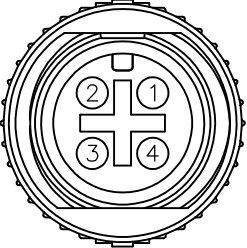
OPERATING TEMPERATURE: -20°C TO +80°C
SEALING REQUIREMENTS: IP67
3. PROD SPEC:

108-3641
4. PACKAGING:

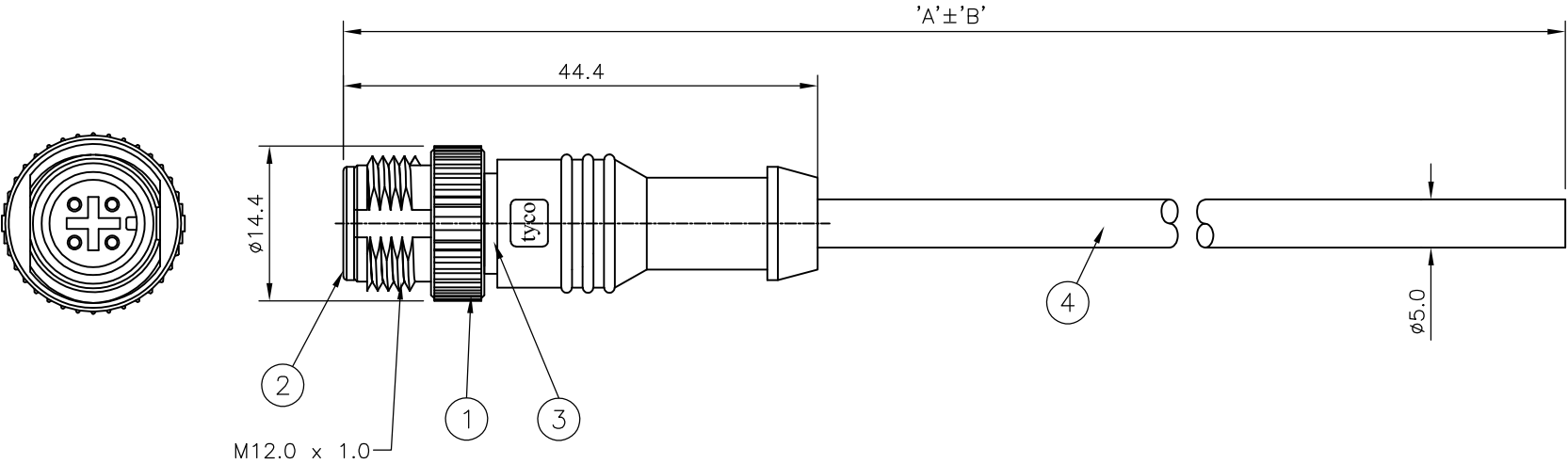
107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TE CONNECTIVITY SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

| ITEM | DESCRIPTION | MATERIAL | FINISH/COLOUR | QTY |
|------|--------------------------------------|-------------------------|--------------------------------|-----|
| 1 | SCREW NUT | ZINC DIE CAST | 2.5µm NICKEL PLATED | 1 |
| 2 | CONNECTOR BODY | POLYURETHANE | BLACK | 1 |
| 3 | PIN CONTACT | BRASS | 0.15µm GOLD PLATED OVER NICKEL | 4 |
| 4 | 3 CORE CABLE (CORES 22AWG TO UL2464) | PVC JACKET UV RESISTANT | BLACK | 1 |

PIN ASSIGNMENTS
FRONT VIEW



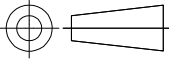
| | |
|-----|-------------|
| 4 | BLACK |
| 3 | BLUE |
| 2 | WHITE |
| 1 | BROWN |
| PIN | WIRE COLOUR |



| | | | |
|-------|---------|---|-------------|
| 10000 | 500mm | M12 STRAIGHT MALE CONNECTOR 10.0m CABLE | 1838238-5 |
| 7000 | 350mm | M12 STRAIGHT MALE CONNECTOR 7.0m CABLE | 1838238-4 |
| 5000 | 250mm | M12 STRAIGHT MALE CONNECTOR 5.0m CABLE | 1838238-3 |
| 3000 | 150mm | M12 STRAIGHT MALE CONNECTOR 3.0m CABLE | 1838238-2 |
| 2000 | 100mm | M12 STRAIGHT MALE CONNECTOR 2.0m CABLE | 1838238-1 |
| DIM A | TOL 'B' | DESCRIPTION | PART NUMBER |

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 13MAR07

CHK F.Wheeler-King 14MAR07


APVD F.Wheeler-King 14MAR07

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

 TE Connectivity

M12 STRAIGHT MALE CONNECTOR
4 POSITION, PVC CABLE

SIZE A3

CAGE CODE 00779

DRAWING NO C-1838238

RESTRICTED TO -

SCALE NTS

SHEET 1 OF 1

REV A1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1838238-3](#)