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| LOC | DIST |
|---|---|
| E | B |

REVISIONS

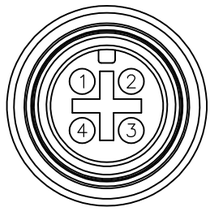
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | B1 | REVISED PER ECO–11–005150 | 21MAR11 | RK | HMR |

NOTES:

1. ELECTRICAL DATA: CONTACT RESISTANCE: 10 mOhm MAX
   INSULATION RESISTANCE: 100 MOhm MIN at 500VDC
   CURRENT RATING: 5 AMPS
   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

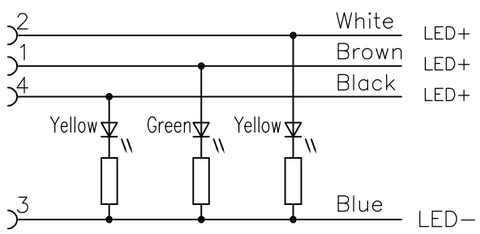
| ITEM | DESCRIPTION | MATERIAL | FINISH/COLOUR | QTY |
|---|---|---|---|---|
| 1 | SCREW NUT | ZINC DIE CAST | 2.5µm NICKEL PLATED | 1 |
| 2 | CONNECTOR BODY | POLYURETHANE | | 1 |
| 3 | SOCKET CONTACT | BRASS | 0.15µm GOLD PLATED OVER NICKEL | 4 |
| 4 | 4 CORE CABLE (CORES 22AWG TO UL2464) | PVC JACKET UV RESISTANT | BLACK | 1 |
| 5 | 'O' RING | VITON | GREEN | 1 |

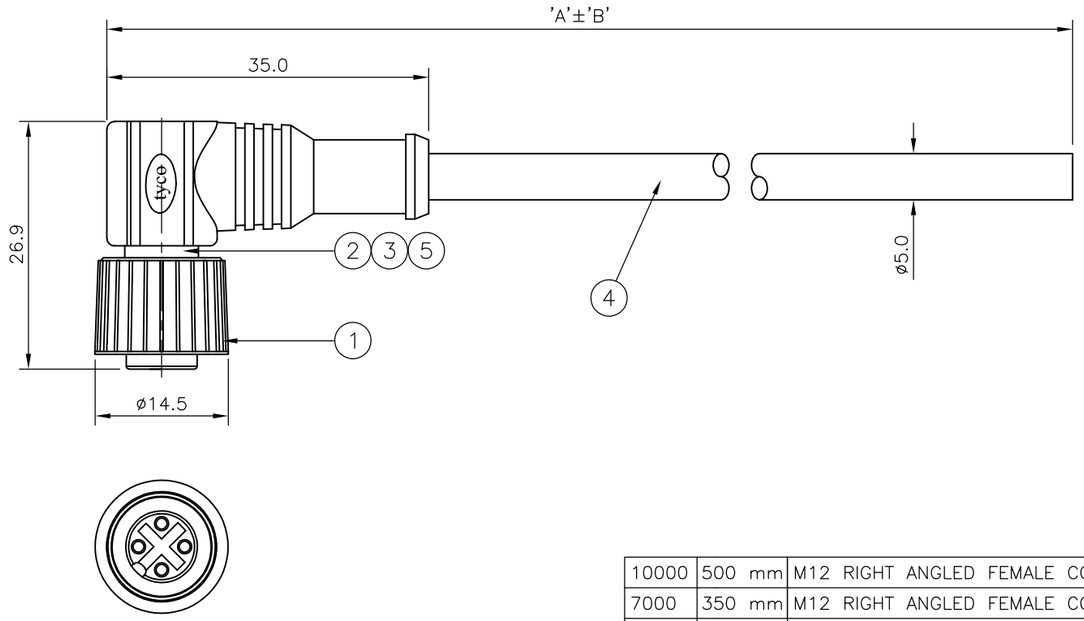
PIN ASSIGNMENTS
FRONT VIEW




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

LED WIRING




| DIM A | TOL 'B' | DESCRIPTION | PART NUMBER |
|---|---|---|---|
| 10000 | 500 mm | M12 RIGHT ANGLED FEMALE CONNECTOR 10.0m CABLE | 1838266–5 |
| 7000 | 350 mm | M12 RIGHT ANGLED FEMALE CONNECTOR 7.0m CABLE | 1838266–4 |
| 5000 | 250 mm | M12 RIGHT ANGLED FEMALE CONNECTOR 5.0m CABLE | 1838266–3 |
| 3000 | 150 mm | M12 RIGHT ANGLED FEMALE CONNECTOR 3.0m CABLE | 1838266–2 |
| 2000 | 100 mm | M12 RIGHT ANGLED FEMALE CONNECTOR 2.0m CABLE | 1838266–1 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN H M RAGHAVENDRA 22AUG05
CHK F.WHEELER–KING 15DEC05
APVD F.WHEELER–KING 15DEC05
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME
M12 RIGHT ANGLED LED VERSION
FEMALE CONNECTOR
4 POSITION, PVC CABLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A3 | 00779 | C–1838266 | — |

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 1 | REV B1