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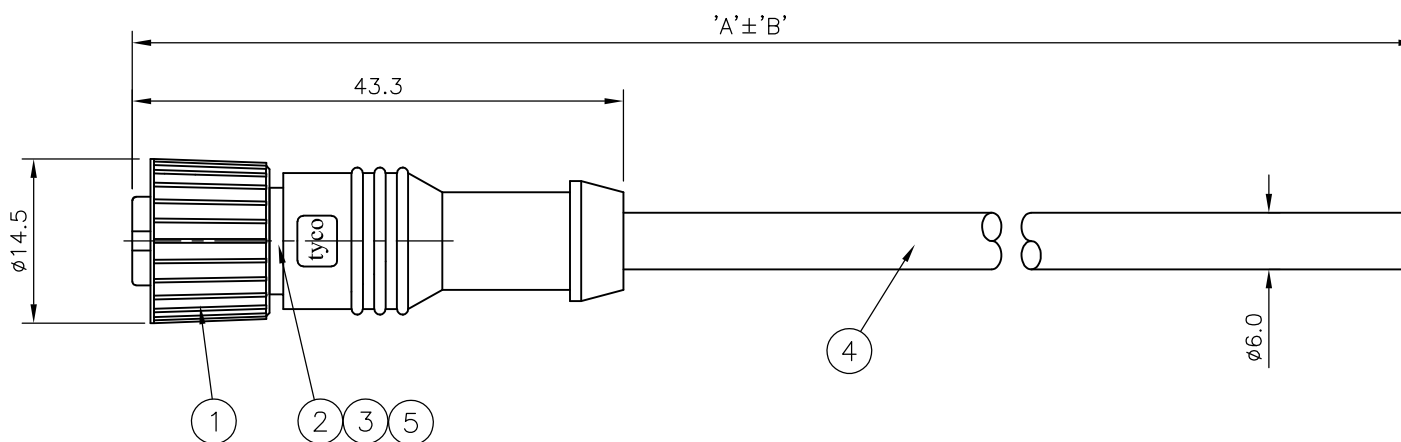
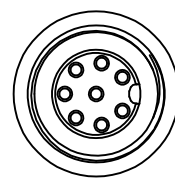
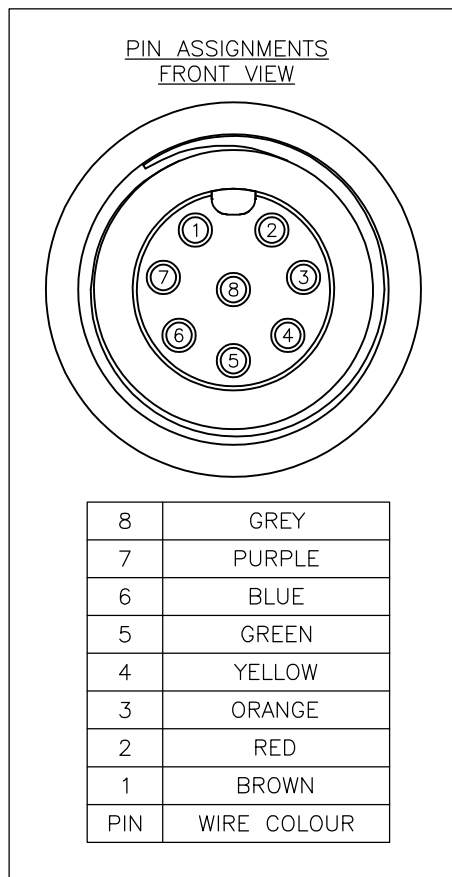
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|-----|------|-----------|-----|---------------|----------|-----|------|
| LOC | DIST | REVISIONS | | | | | |
| E | B | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | | B | ECR-07-011927 | 16/05/07 | AM | FWK |

NOTES:

- 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
- ENVIRONMENTAL: OPERATING TEMPERATURE: -25°C TO +90°C
SEALING REQUIREMENTS: IP67
- PROD SPEC: 108-3641
- PACKAGING: 107-3334
- FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
- 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 | SOCKET CONTACT | BRASS | 0.15µm GOLD OVER NICKEL | 8 |
| 4 | 8 CORE CABLE (CORES 0.25mm²/24AWG) | PU JACKET HAL FREE | BLACK | 1 |
| 5 | 'O' RING | VITON 70 | GREEN | 1 |



| | | | |
|-------|---------|---|-------------|
| 10000 | 500 mm | M12 STRAIGHT FEMALE CONNECTOR 10.0m CABLE | 1838344-5 |
| 7000 | 350 mm | M12 STRAIGHT FEMALE CONNECTOR 7.0m CABLE | 1838344-4 |
| 5000 | 250 mm | M12 STRAIGHT FEMALE CONNECTOR 5.0m CABLE | 1838344-3 |
| 3000 | 150 mm | M12 STRAIGHT FEMALE CONNECTOR 3.0m CABLE | 1838344-2 |
| 2000 | 100 mm | M12 STRAIGHT FEMALE CONNECTOR 2.0m CABLE | 1838344-1 |
| DIM A | TOL 'B' | DESCRIPTION | PART NUMBER |

| | | | | |
|---|--|-----------------------------------|---|-----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN MANJUNATH.T.N 03APR06 | tyco Tyco Electronics Corporation | |
| DIMENSIONS: mm | | CHK F.WHEELER-KING 07AUG06 | Electronics Bideford, UK, EX39 4HE | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD F.WHEELER-KING 07AUG06 | NAME M12 STRAIGHT FEMALE CONNECTOR WITHOUT STRAIN RELIEF 8 POSITION, PU CABLE | |
| 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± - | | PRODUCT SPEC - | SIZE A3 | RESTRICTED TO - |
| MATERIAL - | | APPLICATION SPEC - | CAGE CODE 00779 | DRAWING NO 1838344 |
| FINISH - | | WEIGHT - | CUSTOMER DRAWING | |
| | | SCALE NTS | SHEET 1 OF 1 | REV B |