

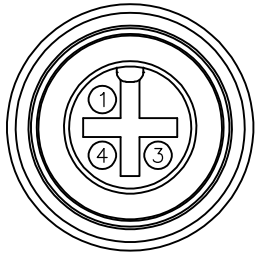
| LOC | DIST | REVISIONS |     |               |          |     |      |
|-----|------|-----------|-----|---------------|----------|-----|------|
| E   | B    | P         | LTR | DESCRIPTION   | DATE     | DWN | APVD |
|     |      |           | B   | ECR-07-011927 | 17/05/07 | AM  | FWK  |

NOTES:

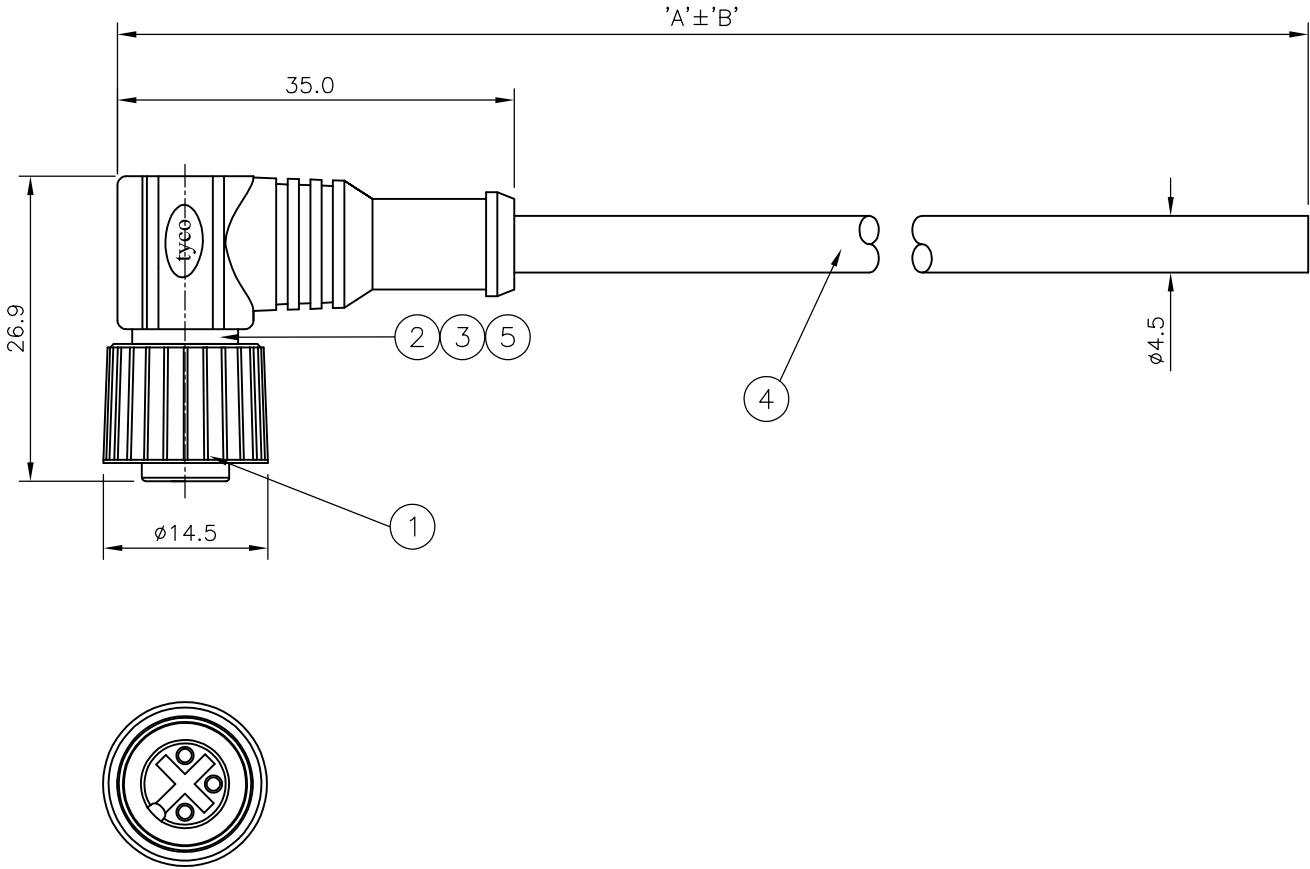
1. ELECTRICAL DATA:
- CONTACT RESISTANCE:10 mOhm MAX
- INSULATION RESISTANCE:100 MOhm MIN at 500VDC
- CURRENT RATING:5 AMPS
- BREAKDOWN VOLTAGE:500 VAC MIN PER MINUTE
2. ENVIRONMENTAL:
- OPERATING TEMPERATURE:-25°C TO +90°C
- SEALING REQUIREMENTS:IP67
3. PROD SPEC:108-3641
4. PACKAGING:107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS 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    | SOCKET CONTACT                             | BRASS         | 0.15µm GOLD PLATED OVER NICKEL | 3   |
| 4    | 3 CORE CABLE (CORES 0.34 mm <sup>2</sup> ) | PU JACKET     | BLACK                          | 1   |
| 5    | 'O' RING                                   | VITON         | GREEN                          | 1   |

PIN ASSIGNMENTS  
FRONT VIEW



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



|       |         |                                               |             |
|-------|---------|-----------------------------------------------|-------------|
| 10000 | 500 mm  | M12 RIGHT ANGLED FEMALE CONNECTOR 10.0m CABLE | 1838255-5   |
| 7000  | 350 mm  | M12 RIGHT ANGLED FEMALE CONNECTOR 7.0m CABLE  | 1838255-4   |
| 5000  | 250 mm  | M12 RIGHT ANGLED FEMALE CONNECTOR 5.0m CABLE  | 1838255-3   |
| 3000  | 150 mm  | M12 RIGHT ANGLED FEMALE CONNECTOR 3.0m CABLE  | 1838255-2   |
| 2000  | 100 mm  | M12 RIGHT ANGLED FEMALE CONNECTOR 2.0m CABLE  | 1838255-1   |
| DIM A | TOL 'B' | DESCRIPTION                                   | PART NUMBER |

|                                        |  |                                                                                                                                                                                        |                               |                                                                                                                                |                    |                         |                    |
|----------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>H M RAGHAVENDRA<br>CHK<br>F.WHEELER-KING<br>APVD<br>F.WHEELER-KING<br>PRODUCT SPEC<br>—<br>APPLICATION SPEC<br>—<br>WEIGHT<br>—                                                 | 22AUG05<br>07AUG06<br>07AUG06 | <div><b>tyco</b></div> <div><b>Electronics</b></div> <div>Tyco Electronics Corporation</div> <div>Bideford, UK, EX39 4HE</div> |                    |                         |                    |
| DIMENSIONS:<br>mm                      |  | <div>TOLERANCES UNLESS OTHERWISE SPECIFIED:</div> <div><div>0 PLC ± —</div><div>1 PLC ± —</div><div>2 PLC ± —</div><div>3 PLC ± —</div><div>4 PLC ± —</div><div>ANGLES ± —</div></div> |                               | NAME<br><div>M12 RIGHT ANGLED FEMALE CONNECTOR</div> <div>3 POSITION, PU CABLE</div>                                           |                    |                         |                    |
|                                        |  |                                                                                                                                                                                        |                               |                                                                                                                                |                    |                         |                    |
| MATERIAL<br>—                          |  | FINISH<br>—                                                                                                                                                                            |                               | SIZE<br>A3                                                                                                                     | CAGE CODE<br>00779 | DRAWING NO<br>C-1838255 | RESTRICTED TO<br>— |
| CUSTOMER DRAWING                       |  |                                                                                                                                                                                        |                               |                                                                                                                                | SCALE<br>NTS       | SHEET<br>1 OF 1         | REV<br>B           |

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