



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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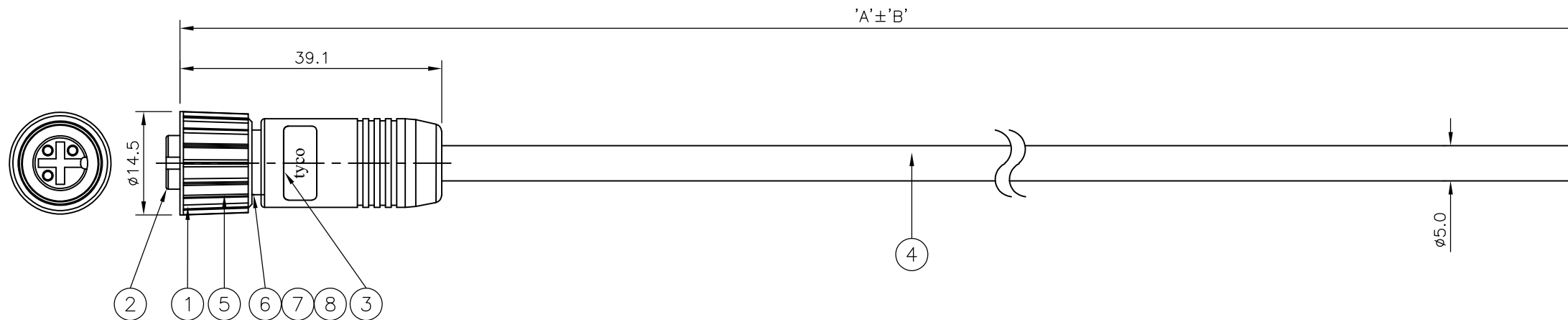
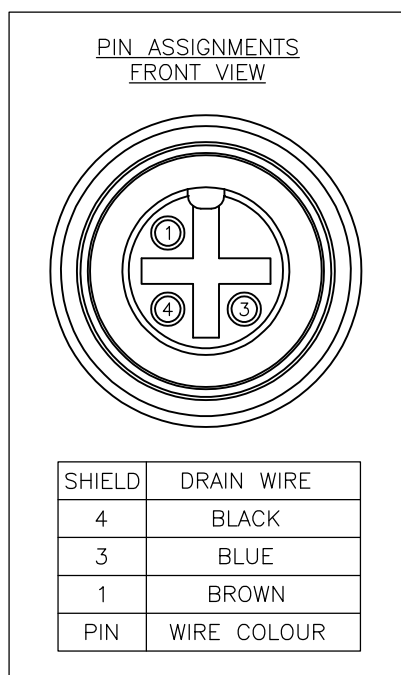
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| LOC | DIST | REVISIONS |     |               |          |     |      |
|-----|------|-----------|-----|---------------|----------|-----|------|
| E   | B    | P         | LTR | DESCRIPTION   | DATE     | DWN | APVD |
|     |      | C         |     | ECR-07-012168 | 21/05/07 | 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: -20°C TO +80°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                       | GF NYLON                | BLACK                   | 1   |
| 3    | SOCKET CONTACT                       | BRASS                   | 0.15µm GOLD OVER NICKEL | 3   |
| 4    | 3 CORE CABLE (CORES 22AWG TO UL2464) | PVC JACKET UV RESISTANT | BLACK                   | 1   |
| 5    | 'O' RING                             | VITON 70                | GREEN                   | 1   |
| 6    | SHIELD                               | BRASS                   | -                       | 1   |
| 7    | SHIELDING FOIL                       | COPPER                  | -                       | 1   |
| 8    | ADHESIVE                             | -                       | -                       | 1   |



| 10000 | 500 mm  | M12 STRAIGHT FEMALE CONNECTOR 10.0m CABLE | 1838357-5   |
|-------|---------|---|-------------|
| 7000  | 350 mm  | M12 STRAIGHT FEMALE CONNECTOR 7.0m CABLE  | 1838357-4   |
| 5000  | 250 mm  | M12 STRAIGHT FEMALE CONNECTOR 5.0m CABLE  | 1838357-3   |
| 3000  | 150 mm  | M12 STRAIGHT FEMALE CONNECTOR 3.0m CABLE  | 1838357-2   |
| 2000  | 100 mm  | M12 STRAIGHT FEMALE CONNECTOR 2.0m CABLE  | 1838357-1   |
| DIM A | TOL 'B' | DESCRIPTION                               | PART NUMBER |

|   |  |                                   |   |                         |
|---|--|-----------------------------------|---|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                      |  | DWN<br>MANJUNATH.T.N<br>10APR06   | <b>tyco</b> Tyco Electronics Corporation  |                         |
| DIMENSIONS:<br>mm   |  | CHK<br>F.WHEELER-KING<br>04MAY06  | <b>Electronics</b> Bideford, UK, EX39 4HE   |                         |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                      |  | APVD<br>F.WHEELER-KING<br>04MAY06 | NAME<br>M12 SHIELDED, STRAIGHT FEMALE CONNECTOR WITHOUT STRAIN RELIEF 3 POSITION, PVC CABLE |                         |
| 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± - |  | PRODUCT SPEC<br>-                 | SIZE<br>A3  |                         |
| MATERIAL<br>-   |  | APPLICATION SPEC<br>-             | CAGE CODE<br>00779  | DRAWING NO<br>C-1838357 |
| FINISH<br>-   |  | WEIGHT<br>-                       | RESTRICTED TO<br>-  |                         |
| CUSTOMER DRAWING  |  |                                   | SCALE<br>NTS  | SHEET<br>1 OF 1         |
|   |  |                                   | REV<br>C  |                         |