



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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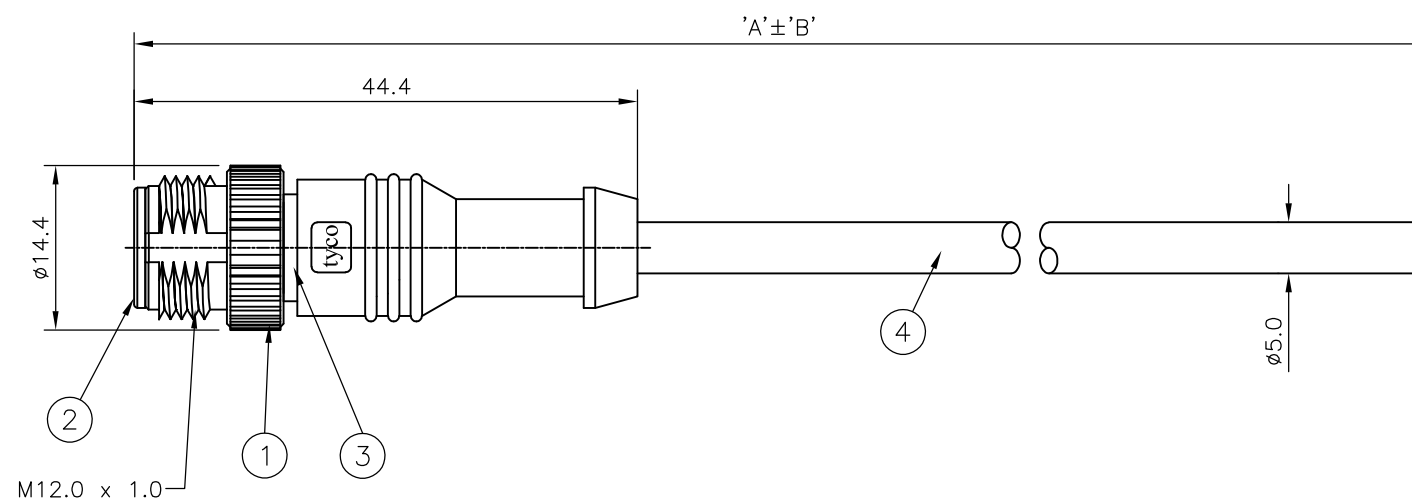
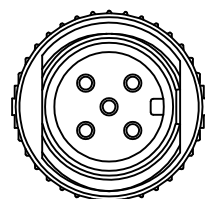
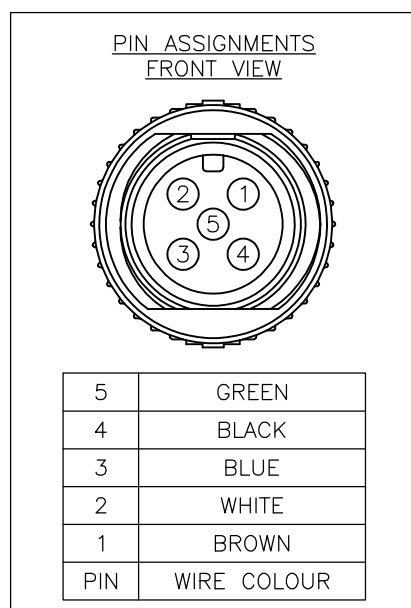
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| LOC | DIST | REVISIONS     |          |     |      |
|-----|------|---------------|----------|-----|------|
| P   | LTR  | DESCRIPTION   | DATE     | DWN | APVD |
|     | B    | ECR-07-011430 | 14/05/07 | AM  | FWK  |

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    | PIN CONTACT                                | BRASS         | 0.15µm GOLD PLATED OVER NICKEL | 5   |
| 4    | 5 CORE CABLE (CORES 0.34 mm <sup>2</sup> ) | PU JACKET     | BLACK                          | 1   |



| 10000 | 500 mm  | M12 STRAIGHT MALE CONNECTOR 10.0m CABLE | 1838241-5   |
|-------|---------|---|-------------|
| 7000  | 350 mm  | M12 STRAIGHT MALE CONNECTOR 7.0m CABLE  | 1838241-4   |
| 5000  | 250 mm  | M12 STRAIGHT MALE CONNECTOR 5.0m CABLE  | 1838241-3   |
| 3000  | 150 mm  | M12 STRAIGHT MALE CONNECTOR 3.0m CABLE  | 1838241-2   |
| 2000  | 100 mm  | M12 STRAIGHT MALE CONNECTOR 2.0m CABLE  | 1838241-1   |
| DIM A | TOL 'B' | DESCRIPTION                             | PART NUMBER |

|   |  |                                   |   |                         |
|---|--|-----------------------------------|---|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                      |  | DWN<br>H M RAGHAVENDRA<br>22AUG05 | Tyco Electronics Corporation<br>Bideford, UK, EX39 4HE      |                         |
| DIMENSIONS:<br>mm   |  | CHK<br>F.WHEELER-KING<br>07AUG06  |   |                         |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                      |  | APVD<br>F.WHEELER-KING<br>07AUG06 | NAME<br>M12 STRAIGHT MALE CONNECTOR<br>5 POSITION, PU 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-1838241 |
| FINISH<br>-   |  | WEIGHT<br>-                       | RESTRICTED TO<br>-  |                         |
| CUSTOMER DRAWING  |  |                                   | SCALE<br>NTS  | SHEET<br>1 OF 1         |
|   |  |                                   | REV<br>B  |                         |