



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



4

3

2

1

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
E	B		B	ECR-07-011927	16/05/07	AM	FWK
			B1	ECR-10-015172	13AUG10	RK	JK

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

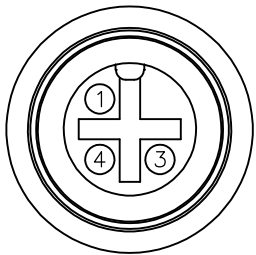
SEALING REQUIREMENTS: IP67
3. PROD SPEC:

108-3641
4. PACKAGING:

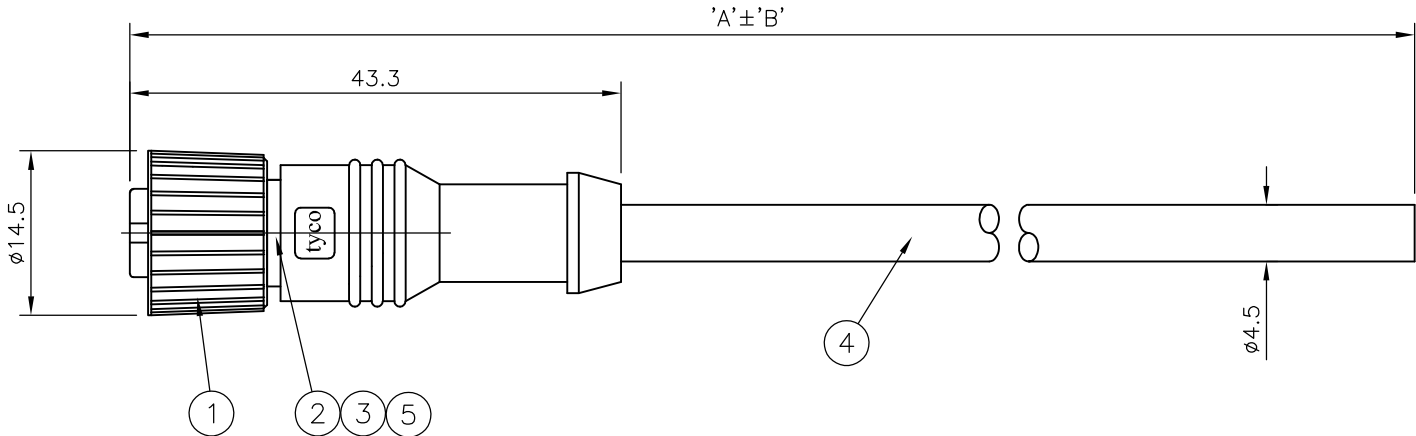
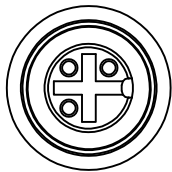
107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

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 ²)	PU JACKET	BLACK	1
5	'O' RING	VITON	GREEN	1

PIN ASSIGNMENTS
FRONT VIEW



4	BLACK
3	BLUE
1	BROWN
PIN	WIRE COLOUR



OBSOLETE	10000	500 mm	M12 STRAIGHT FEMALE CONNECTOR 10.0m CABLE	1838243-5
	7000	350 mm	M12 STRAIGHT FEMALE CONNECTOR 7.0m CABLE	1838243-4
	5000	250 mm	M12 STRAIGHT FEMALE CONNECTOR 5.0m CABLE	1838243-3
	3000	150 mm	M12 STRAIGHT FEMALE CONNECTOR 3.0m CABLE	1838243-2
	2000	100 mm	M12 STRAIGHT FEMALE CONNECTOR 2.0m CABLE	1838243-1
	DIM A	TOL 'B'	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH -

DWN
H M RAGHAVENDRA
CHK
F.WHEELER-KING
APVD
F.WHEELER-KING

22AUG05
07AUG06
07AUG06

PRODUCT SPEC
-
APPLICATION SPEC
-
WEIGHT
-

Tyco Electronics Corporation
Bideford, UK, EX39 4HE

NAME
M12 STRAIGHT FEMALE CONNECTOR
3 POSITION, PU CABLE

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-1838243

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
NTS

SHEET
1 OF 1

REV
B1

AMP 1470-19 REV 31MAR2000