

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

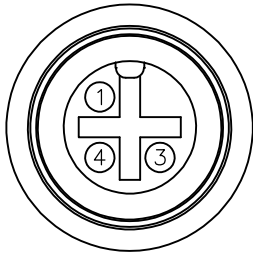
SEALING REQUIREMENTS: IP67
3. PROD SPEC:

108-3641
4. PACKAGING:

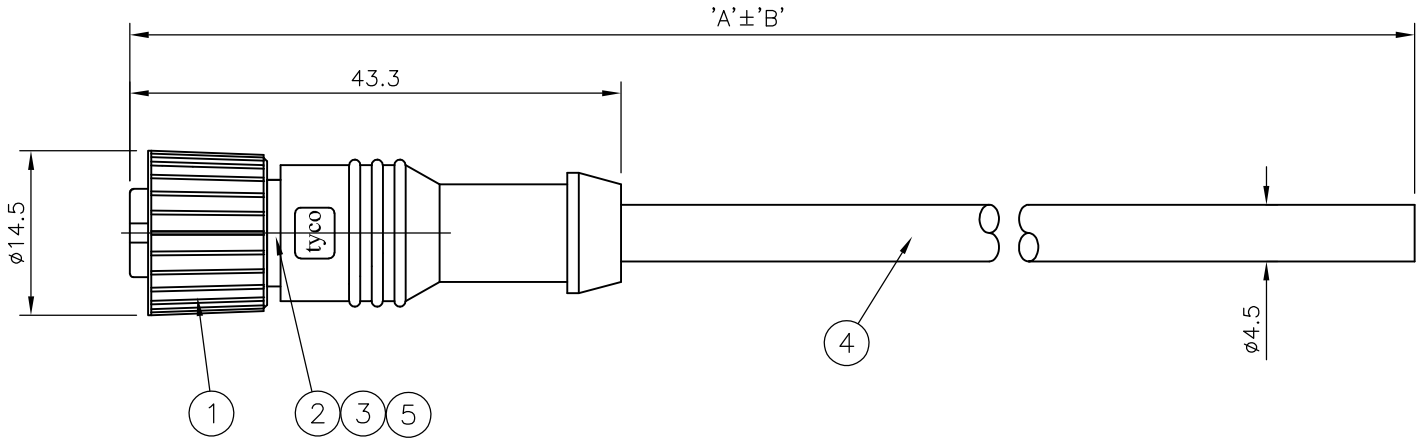
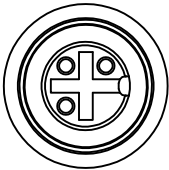
107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

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
-

FINISH
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

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