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LOC E	DIST B	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			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

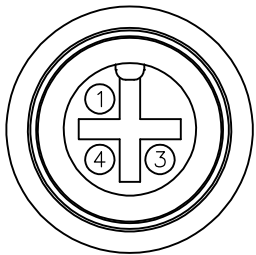
SEALING REQUIREMENTS: IP67
3. PROD SPEC:

108-3641
4. PACKAGING:

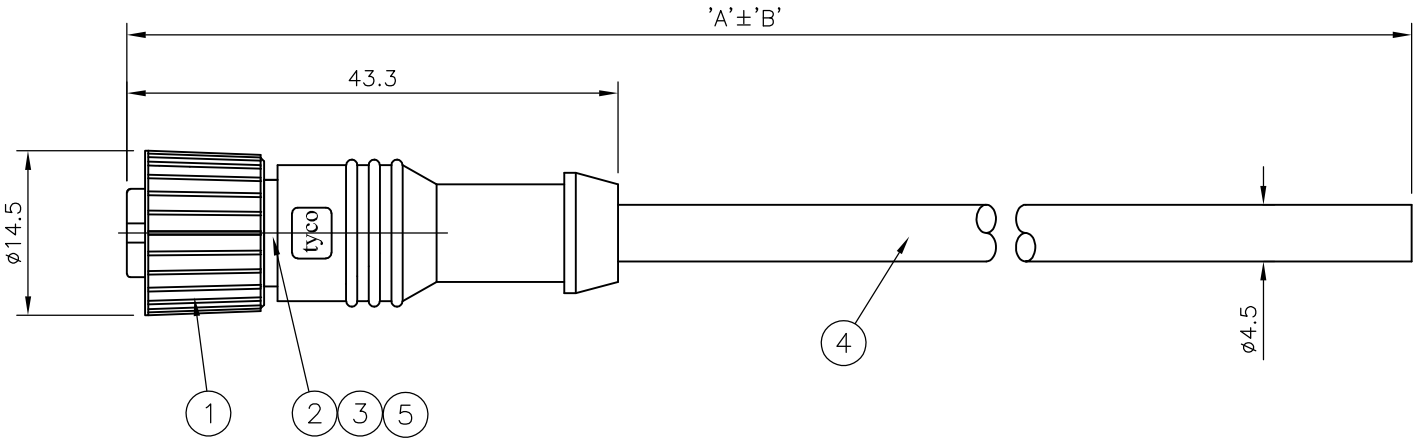
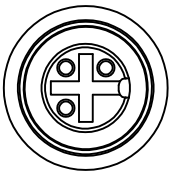
107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

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.		DWN H M RAGHAVENDRA 22AUG05	Tyco Electronics Corporation Bideford, UK, EX39 4HE	
DIMENSIONS: mm		CHK F.WHEELER-KING 07AUG06		
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH		NAME M12 STRAIGHT FEMALE CONNECTOR 3 POSITION, PU CABLE	
MATERIAL		APVD F.WHEELER-KING 07AUG06	SIZE A3 00779	
		PRODUCT SPEC	DRAWING NO C-1838243	
		APPLICATION SPEC	RESTRICTED TO	
		WEIGHT		
CUSTOMER DRAWING			SCALE NTS	SHEET 1 OF 1
			REV B1	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1838243-1](#)