

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	ECR-07-011927	16/05/07	AM	FWK
			B1	ECR-10-024009	14FEB11	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

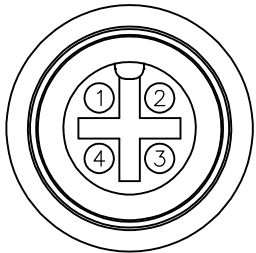
SEALING REQUIREMENTS: IP67
3. PROD SPEC:

108-3641
4. PACKAGING:

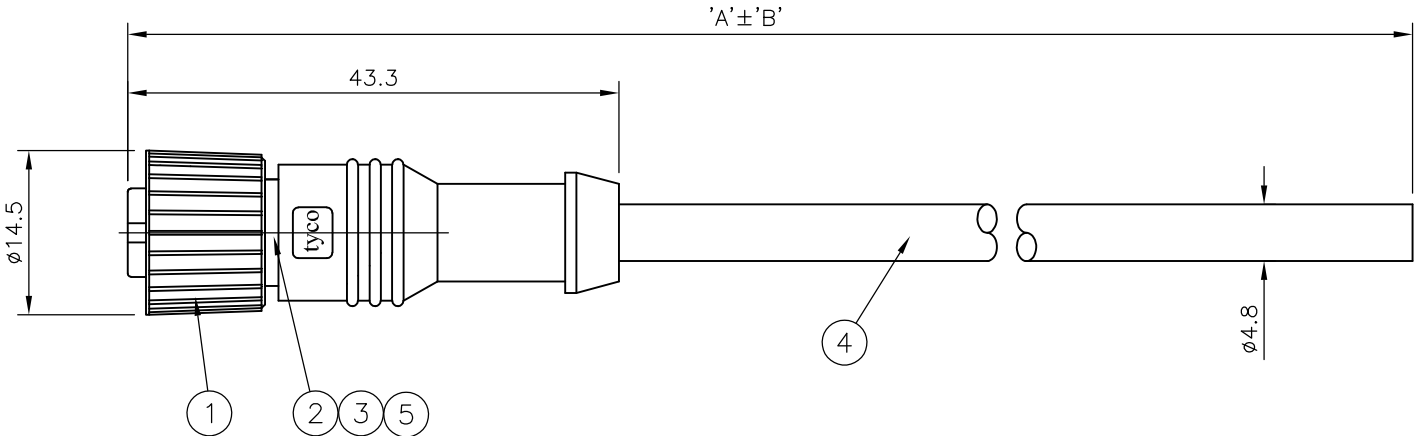
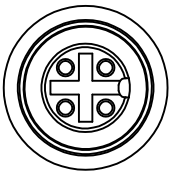
107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

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	4
4	4 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
2	WHITE
1	BROWN
PIN	WIRE COLOUR



OBSOLETE	10000	500 mm	M12 STRAIGHT FEMALE CONNECTOR 10.0m CABLE	1838245-5
	7000	350 mm	M12 STRAIGHT FEMALE CONNECTOR 7.0m CABLE	1838245-4
	5000	250 mm	M12 STRAIGHT FEMALE CONNECTOR 5.0m CABLE	1838245-3
OBSOLETE	3000	150 mm	M12 STRAIGHT FEMALE CONNECTOR 3.0m CABLE	1838245-2
	2000	100 mm	M12 STRAIGHT FEMALE CONNECTOR 2.0m CABLE	1838245-1
	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:		APVD F.WHEELER-KING 07AUG06	NAME M12 STRAIGHT FEMALE CONNECTOR 4 POSITION, PU CABLE		
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC -			
MATERIAL -		APPLICATION SPEC -	SIZE A3 CAGE CODE 00779 DRAWING NO C-1838245 RESTRICTED TO -		
FINISH -		WEIGHT -			
CUSTOMER DRAWING				SCALE NTS	SHEET 1 OF 1 REV B1

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1838245-3](#)