

LOC	DIST	REVISIONS				
E	B	P	LTR	DESCRIPTION	DATE	APVD
			B	ECR-07-011908	16/05/07	AM FWK

NOTES:

1. ELECTRICAL DATA:
- CONTACT RESISTANCE:

INSULATION RESISTANCE:

CURRENT RATING:

BREAKDOWN VOLTAGE:
- 10 mOhm MAX

100 MOhm MIN at 500VDC

5 AMPS

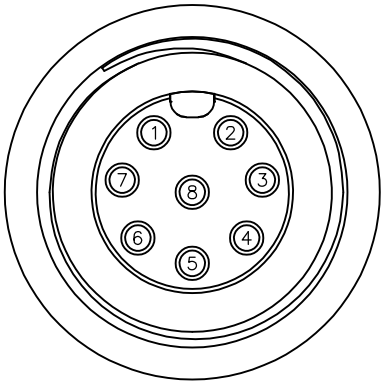
500 VAC MIN PER MINUTE
2. ENVIRONMENTAL:
- OPERATING TEMPERATURE:

SEALING REQUIREMENTS:
- 20°C TO +80°C

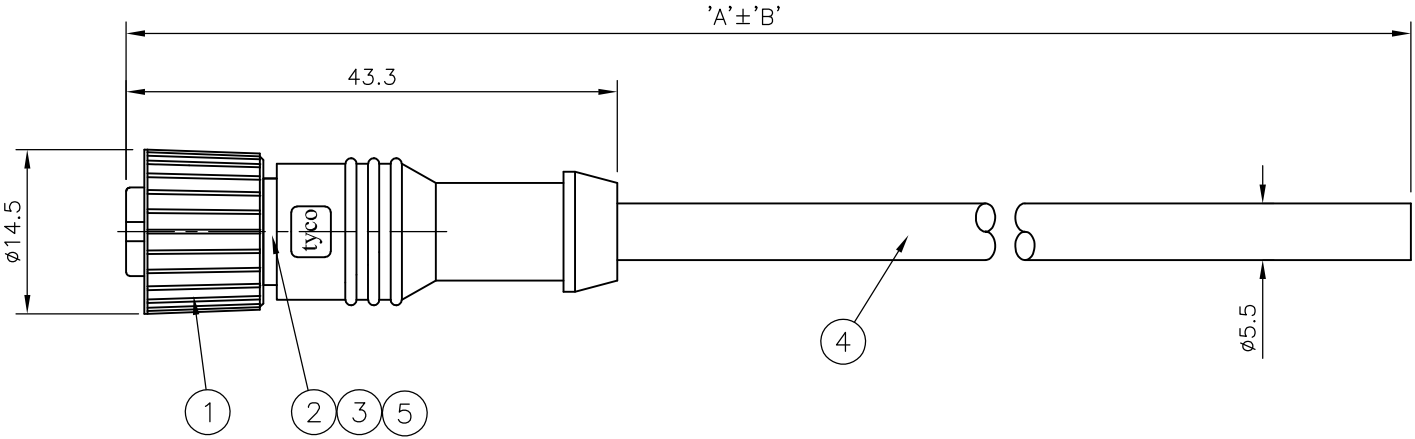
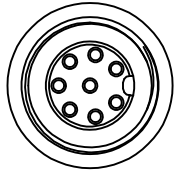
IP67
3. PROD SPEC:
- 108-3641
4. PACKAGING:
- 107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

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 OVER NICKEL	8
4	8 CORE CABLE (CORES 24AWG TO UL2464)	PVC JACKET UV RESISTANT	BLACK	1
5	'O' RING	VITON 70	GREEN	1

PIN ASSIGNMENTS
FRONT VIEW



8	GREY
7	PURPLE
6	BLUE
5	GREEN
4	YELLOW
3	ORANGE
2	RED
1	BROWN
PIN	WIRE COLOUR



10000	500 mm	M12 STRAIGHT FEMALE CONNECTOR 10.0m CABLE	1838343-5
7000	350 mm	M12 STRAIGHT FEMALE CONNECTOR 7.0m CABLE	1838343-4
5000	250 mm	M12 STRAIGHT FEMALE CONNECTOR 5.0m CABLE	1838343-3
3000	150 mm	M12 STRAIGHT FEMALE CONNECTOR 3.0m CABLE	1838343-2
2000	100 mm	M12 STRAIGHT FEMALE CONNECTOR 2.0m CABLE	1838343-1
DIM A	TOL 'B'	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
	0 PLC ± -
	1 PLC ± -
	2 PLC ± -
	3 PLC ± -
	4 PLC ± -
	ANGLES ± -
MATERIAL	FINISH
-	-

DWN	MANJUNATH.T.N	10APR06	tyco Electronics		Tyco Electronics Corporation	
CHK	F.WHEELER-KING	04MAY06			Bideford, UK, EX39 4HE	
APVD	F.WHEELER-KING	04MAY06	NAME		M12 STRAIGHT FEMALE CONNECTOR WITHOUT STRAIN RELIEF 8 POSITION, PVC CABLE	
PRODUCT SPEC		APPLICATION SPEC		SIZE	CAGE CODE	DRAWING NO
WEIGHT		CUSTOMER DRAWING		A3	00779	C-1838343
		SCALE	NTS	SHEET	1 OF 1	REV B