

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
E	B		B	ECR-07-011423	14/05/07	AM	FWK

NOTES:

1. ELECTRICAL DATA:
- CONTACT RESISTANCE:

INSULATION RESISTANCE:

CURRENT RATING:

BREAKDOWN VOLTAGE:
- 10 mOhm MAX

100 MOhm MIN at 500VDC

5 AMPS

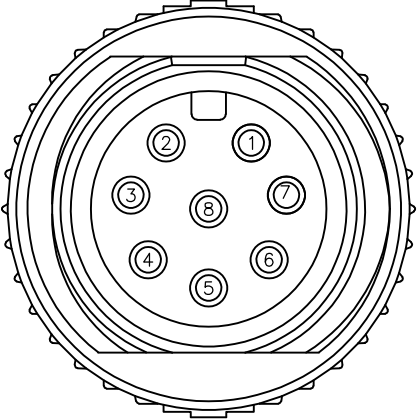
500 VAC MIN PER MINUTE
2. ENVIRONMENTAL:
- OPERATING TEMPERATURE:

SEALING REQUIREMENTS:
- 20°C TO +80°C

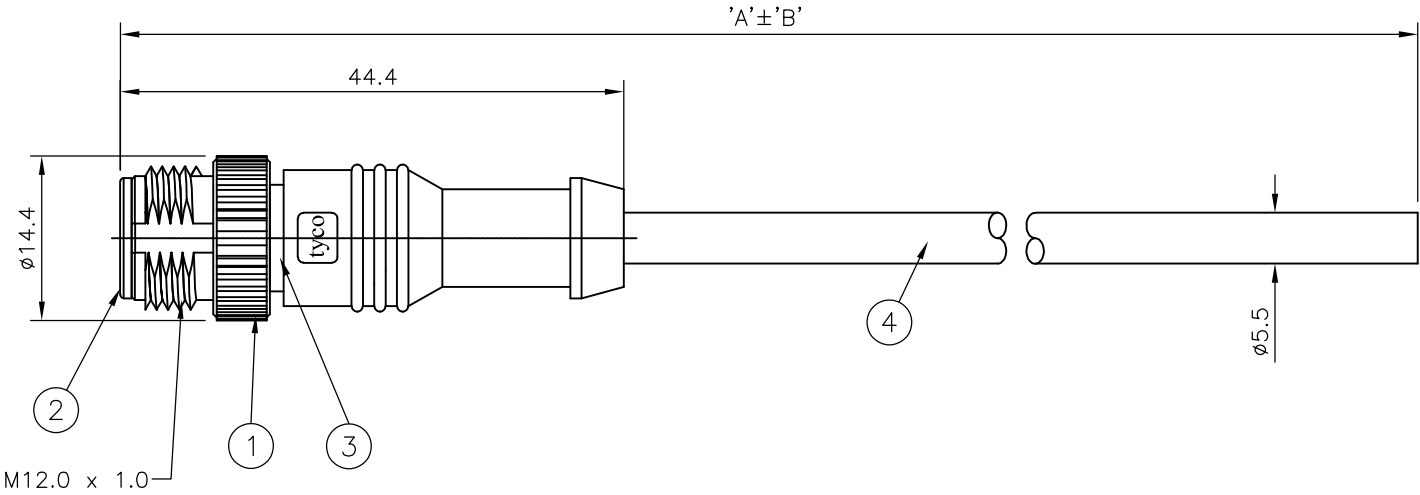
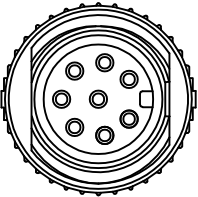
IP67
3. PROD SPEC:
- 108-3641
4. PACKAGING:
- 107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

ITEM	DESCRIPTION	MATERIAL	FINISH/COLOUR	QTY
1	SCREW NUT	ZINC DIE CAST	2.5µm NICKEL PLATED	1
2	CONNECTOR BODY	POLYURETHANE	BLACK	1
3	PIN CONTACT	BRASS	0.15µm GOLD OVER NICKEL	8
4	8 CORE CABLE (CORES 24AWG TO UL2464)	PVC JACKET UV RESISTANT	BLACK	1

PIN ASSIGNMENTS
FRONT VIEW



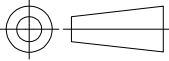
8	GREY
7	PURPLE
6	BLUE
5	GREEN
4	YELLOW
3	ORANGE
2	RED
1	BROWN
PIN	WIRE COLOUR



10000	500 mm	M12 STRAIGHT MALE CONNECTOR 10.0m CABLE	1838353-5
7000	350 mm	M12 STRAIGHT MALE CONNECTOR 7.0m CABLE	1838353-4
5000	250 mm	M12 STRAIGHT MALE CONNECTOR 5.0m CABLE	1838353-3
3000	150 mm	M12 STRAIGHT MALE CONNECTOR 3.0m CABLE	1838353-2
2000	100 mm	M12 STRAIGHT MALE CONNECTOR 2.0m CABLE	1838353-1
DIM A	TOL 'B'	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH -

MATERIAL -

FINISH -

DWN MANJUNATH.T.N 10APR06

CHK F.WHEELER-KING 04MAY06

APVD F.WHEELER-KING 04MAY06

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

 Tyco Electronics Corporation
Bideford, UK, EX39 4HE

NAME
M12 STRAIGHT MALE CONNECTOR WITHOUT
STRAIN RELIEF 8 POSITION, PVC CABLE

SIZE A3

CAGE CODE 00779

DRAWING NO C-1838353

RESTRICTED TO -

SCALE NTS SHEET 1 OF 1 REV B