

LOC	DIST	REVISIONS					
P	LTR	DESCRIPTION			DATE	DWN	APVD
		REVISED PER ECO-11-005150			21MAR11	RK	HMR

NOTES:

1. ELECTRICAL DATA:
- CONTACT RESISTANCE:

INSULATION RESISTANCE:

CURRENT RATING:

BREAKDOWN VOLTAGE:
- 10 mOhm MAX

100 MOhm MIN at 500VDC

5 AMPS

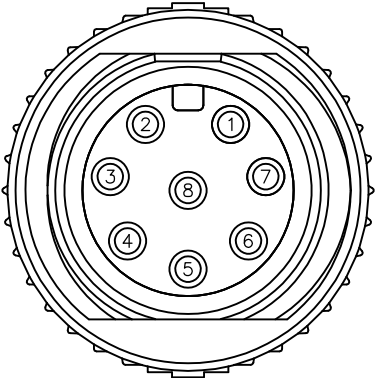
500 VAC MIN PER MINUTE
2. ENVIRONMENTAL:
- OPERATING TEMPERATURE:

SEALING REQUIREMENTS:
- 20°C TO +80°C

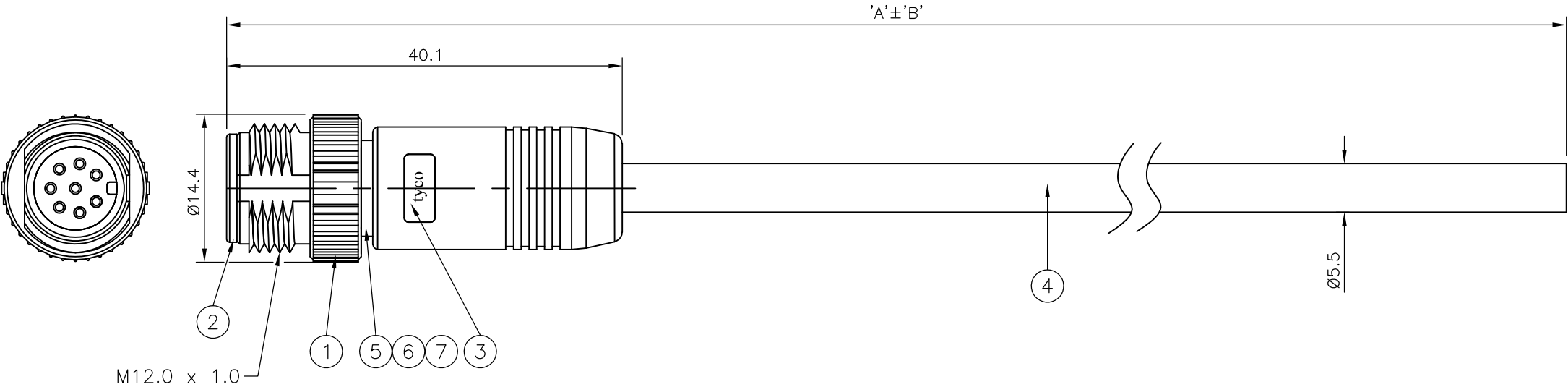
IP67
3. PROD SPEC:
- 108-3641
4. PACKAGING:
- 107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TE CONNECTIVITY SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

ITEM	DESCRIPTION	MATERIAL	FINISH/COLOUR	QTY
1	SCREW NUT	ZINC DIE CAST	2.5µm NICKEL PLATED	1
2	CONNECTOR BODY	GF NYLON	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
5	SHIELD	BRASS	—	1
6	SHIELDING FOIL	COPPER	—	1
7	ADHESIVE	—	—	1

PIN ASSIGNMENTS
FRONT VIEW



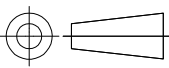
8	GREEN
7	YELLOW
6	ORANGE
5	RED
4	BLUE
3	WHITE
2	BROWN
1	BLACK
PIN	WIRE COLOUR



10000	500 mm	M12 STRAIGHT MALE CONNECTOR 10.0m CABLE	1838363-5
7000	350 mm	M12 STRAIGHT MALE CONNECTOR 7.0m CABLE	1838363-4
5000	250 mm	M12 STRAIGHT MALE CONNECTOR 5.0m CABLE	1838363-3
3000	150 mm	M12 STRAIGHT MALE CONNECTOR 3.0m CABLE	1838363-2
2000	100 mm	M12 STRAIGHT MALE CONNECTOR 2.0m CABLE	1838363-1
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 -

DWN MANJUNATH.T.N

CHK F.WHEELER-KING

APVD F.WHEELER-KING

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

10APR06

04MAY06

04MAY06

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

SIZE A3

CAGE CODE 00779

DRAWING NO C-1838363

RESTRICTED TO -

SCALE NTS

SHEET 1 OF 1

REV B1

STE

TE Connectivity

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[1838363-5](#)