

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
E	B		B1	REVISED PER ECO-11-005150	21MAR11	RK	HMR

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: -20°C TO +80°C

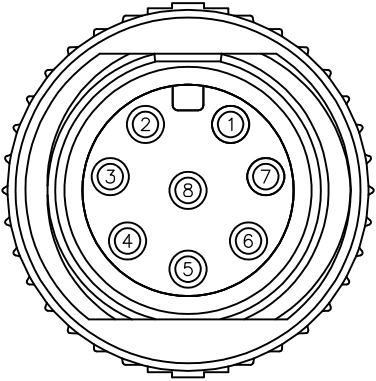
SEALING REQUIREMENTS: IP67
3. PROD SPEC:

108-3641
4. PACKAGING:

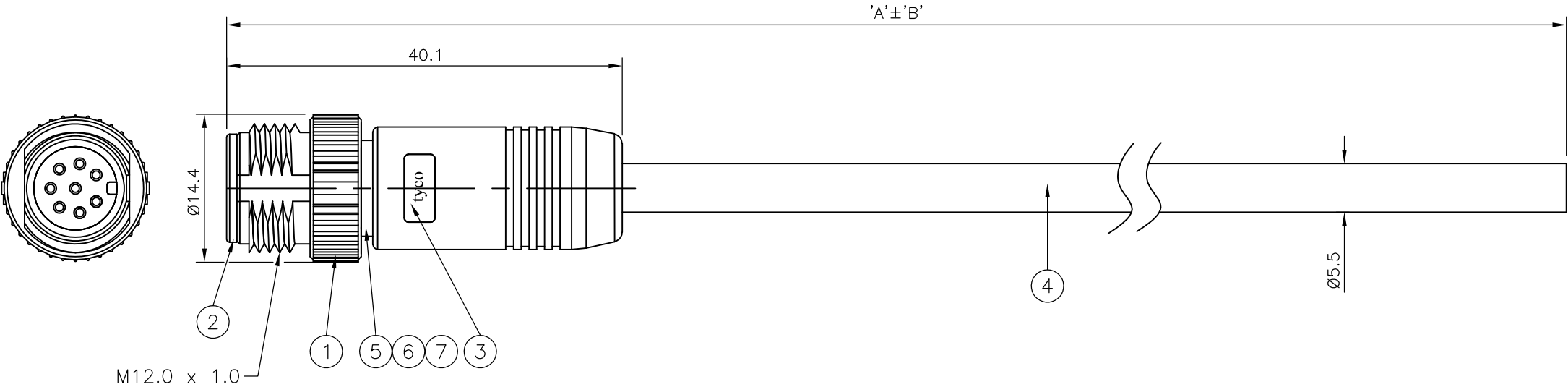
107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TE CONNECTIVITY SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

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



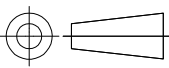
8	GREEN
7	YELLOW
6	ORANGE
5	RED
4	BLUE
3	WHITE
2	BROWN
1	BLACK
PIN	WIRE COLOUR



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	—

MATERIAL

—

DWN
MANJUNATH.T.N
10APR06

CHK
F.WHEELER-KING
04MAY06

APVD
F.WHEELER-KING
04MAY06

PRODUCT SPEC
—

APPLICATION SPEC
—

WEIGHT
—

 TE Connectivity

NAME

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

SIZE

A3

CAGE CODE

00779

DRAWING NO

C-1838363

RESTRICTED TO

—

CUSTOMER DRAWING

SCALE
NTS

SHEET
1 OF 1

REV
B1