

LOC	DIST	REVISIONS					
E	B	P	LTR	DESCRIPTION	DATE	DWN	APVD
			C1	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:

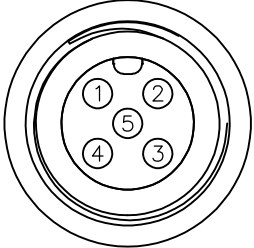
OPERATING TEMPERATURE: -20°C TO +80°C
SEALING REQUIREMENTS: IP67
3. PROD SPEC:

108-3641
4. PACKAGING:

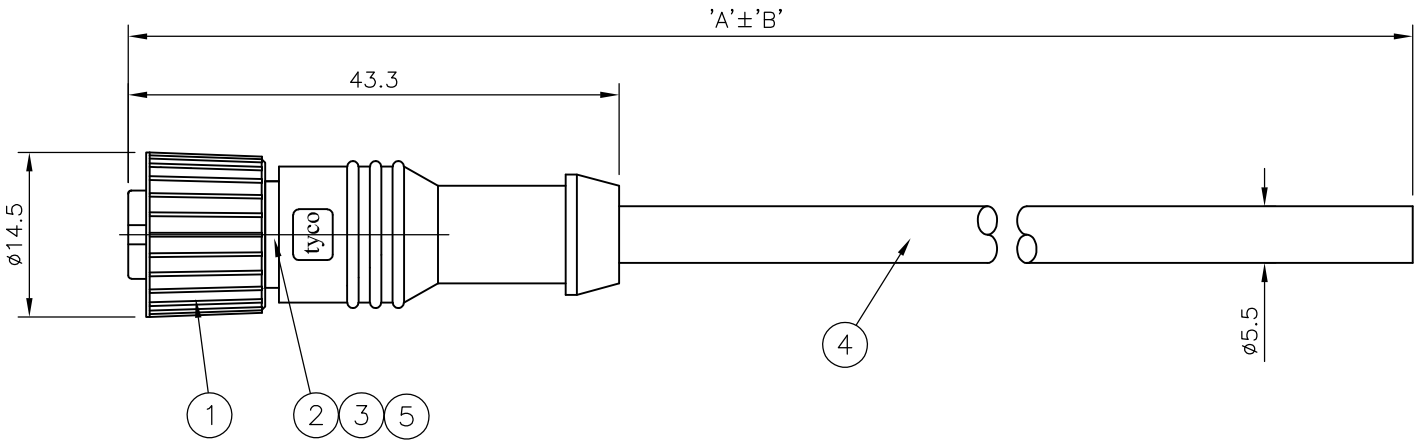
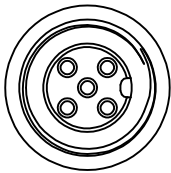
107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TE CONNECTIVITY SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

ITEM	DESCRIPTION	MATERIAL	FINISH/COLOUR	QTY
1	SCREW NUT	ZINC DIE CAST	2.5µm NICKEL PLATED	1
2	CONNECTOR BODY	POLYURETHANE	BLACK	1
3	SOCKET CONTACT	BRASS	0.15µm GOLD PLATED OVER NICKEL	5
4	5 CORE CABLE (CORES 22AWG TO UL2464)	PVC JACKET UV RESISTANT	BLACK	1
5	'O' RING	VITON	GREEN	1

PIN ASSIGNMENTS
FRONT VIEW



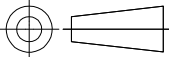
5	GREEN
4	BLACK
3	BLUE
2	WHITE
1	BROWN
PIN	WIRE COLOUR



500	40 mm	M12 STRAIGHT FEMALE CONNECTOR 0.5m CABLE	1-1838246-1
10000	500 mm	M12 STRAIGHT FEMALE CONNECTOR 10.0m CABLE	1838246-5
7000	350 mm	M12 STRAIGHT FEMALE CONNECTOR 7.0m CABLE	1838246-4
5000	250 mm	M12 STRAIGHT FEMALE CONNECTOR 5.0m CABLE	1838246-3
3000	150 mm	M12 STRAIGHT FEMALE CONNECTOR 3.0m CABLE	1838246-2
2000	100 mm	M12 STRAIGHT FEMALE CONNECTOR 2.0m CABLE	1838246-1
DIM A	TOL 'B'	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



MATERIAL
-

FINISH
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -

DWN H M RAGHAVENDRA 22AUG05
CHK F.WHEELER-KING 15DEC05
APVD F.WHEELER-KING 15DEC05
PRODUCT SPEC
APPLICATION SPEC
WEIGHT -

CUSTOMER DRAWING

SCALE NTS

SHEET 1 OF 1

REV C1

 TE Connectivity

M12 STRAIGHT FEMALE CONNECTOR
5 POSITION, PVC CABLE

SIZE A3

CAGE CODE 00779

DRAWING NO C-1838246

RESTRICTED TO -