

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:

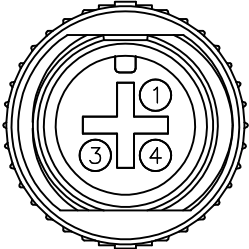
OPERATING TEMPERATURE: -20°C TO +80°C
SEALING REQUIREMENTS: IP67
3. PROD SPEC:

108-3641
4. PACKAGING:

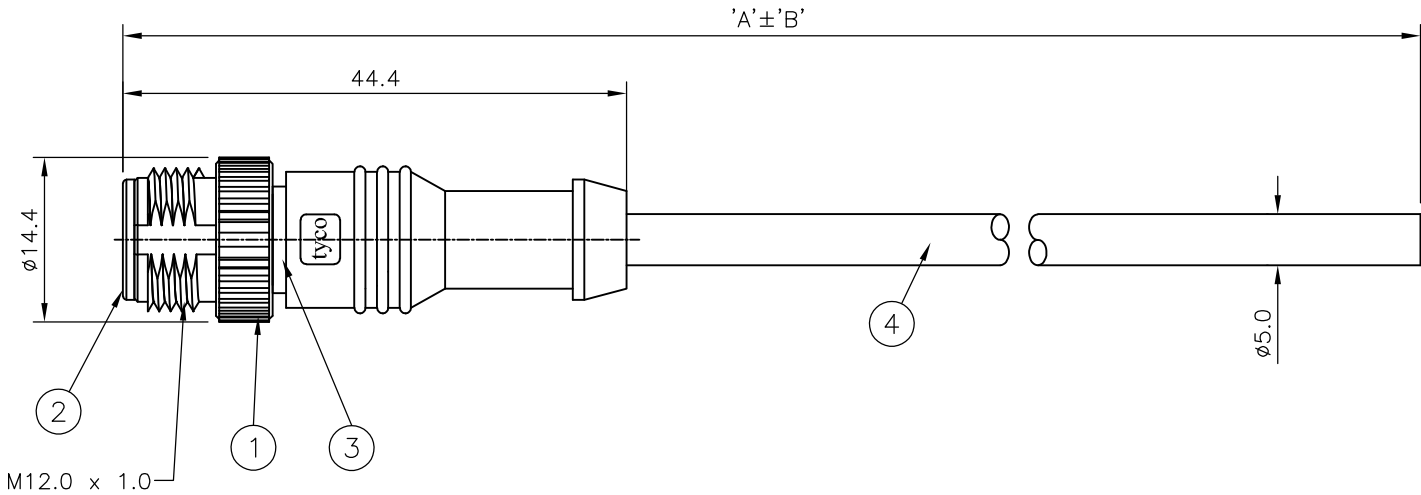
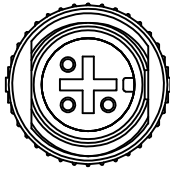
107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TE CONNECTIVITY SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

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

PIN ASSIGNMENTS
FRONT VIEW



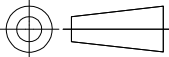
4	BLACK
3	BLUE
1	BROWN
PIN	WIRE COLOUR



10000	500mm	M12 STRAIGHT MALE CONNECTOR 10.0m CABLE	1838236-5
7000	350mm	M12 STRAIGHT MALE CONNECTOR 7.0m CABLE	1838236-4
5000	250mm	M12 STRAIGHT MALE CONNECTOR 5.0m CABLE	1838236-3
3000	150mm	M12 STRAIGHT MALE CONNECTOR 3.0m CABLE	1838236-2
2000	100mm	M12 STRAIGHT MALE CONNECTOR 2.0m CABLE	1838236-1
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 19AUG05
H M RAGHAVENDRA
CHK 15DEC05
F.WHEELER-KING
APVD 15DEC05
F.WHEELER-KING
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

19AUG05
F.WHEELER-KING
15DEC05
F.WHEELER-KING
PRODUCT SPEC
APPLICATION SPEC
WEIGHT

19AUG05
F.WHEELER-KING
15DEC05
F.WHEELER-KING
PRODUCT SPEC
APPLICATION SPEC
WEIGHT

TE Connectivity

M12 STRAIGHT MALE CONNECTOR
3 POSITION, PVC CABLE

SIZE A3
CAGE CODE 00779
DRAWING NO C-1838236

RESTRICTED TO -

CUSTOMER DRAWING

SCALE NTS

SHEET 1 OF 1

REV C1

1470-19 (3/11)

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[1838236-3](#)