

LOC E	DIST B	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	ECR-07-011423	10/05/07	AM	FWK

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

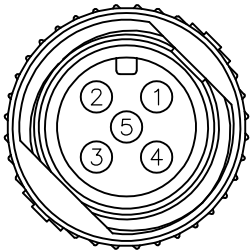
SEALING REQUIREMENTS: IP67
3. PROD SPEC:

108-3641
4. PACKAGING:

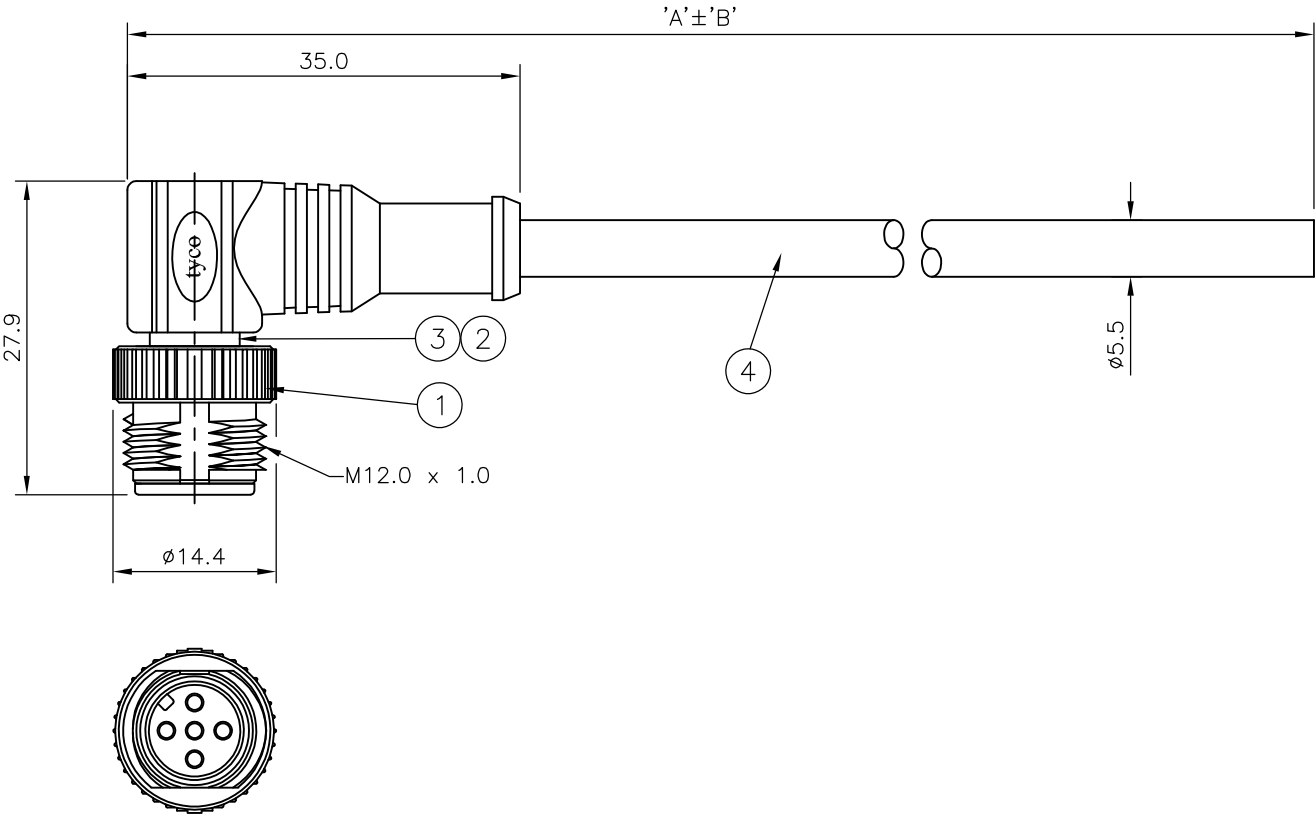
107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

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 PLATED OVER NICKEL	5
4	5 CORE CABLE (CORES 22AWG TO UL2464)	PVC JACKET UV RESISTANT	BLACK	1

PIN ASSIGNMENTS
FRONT VIEW



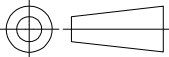
5	GREEN
4	BLACK
3	BLUE
2	WHITE
1	BROWN
PIN	WIRE COLOUR



10000	500 mm	M12 RIGHT ANGLED MALE CONNECTOR 10.0m CABLE	1838252-5
7000	350 mm	M12 RIGHT ANGLED MALE CONNECTOR 7.0m CABLE	1838252-4
5000	250 mm	M12 RIGHT ANGLED MALE CONNECTOR 5.0m CABLE	1838252-3
3000	150 mm	M12 RIGHT ANGLED MALE CONNECTOR 3.0m CABLE	1838252-2
2000	100 mm	M12 RIGHT ANGLED MALE CONNECTOR 2.0m CABLE	1838252-1
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 22AUG05
H M RAGHAVENDRA

CHK 15DEC05
F.WHEELER-KING

APVD 15DEC05
F.WHEELER-KING

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

 Tyco Electronics Corporation
Bideford, UK, EX39 4HE

NAME
M12 RIGHT ANGLED MALE CONNECTOR
5 POSITION, PVC CABLE

SIZE A3

CAGE CODE 00779

DRAWING NO C-1838252

RESTRICTED TO -

SCALE NTS

SHEET 1 OF 1

REV B

AMP 1470-19 REV 31MAR2000