

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION		DATE	DWN	APVD
	B	ECR-07-012186		22/05/07	AM	FWK

NOTES:

1. ELECTRICAL DATA:
- CONTACT RESISTANCE:

INSULATION RESISTANCE:

CURRENT RATING:

BREAKDOWN VOLTAGE:
- 10 mOhm MAX

100 MOhm MIN at 500VDC

5 AMPS

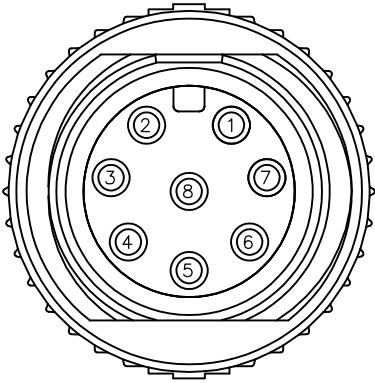
500 VAC MIN PER MINUTE
2. ENVIRONMENTAL:
- OPERATING TEMPERATURE:

SEALING REQUIREMENTS:
- 25°C TO +90°C

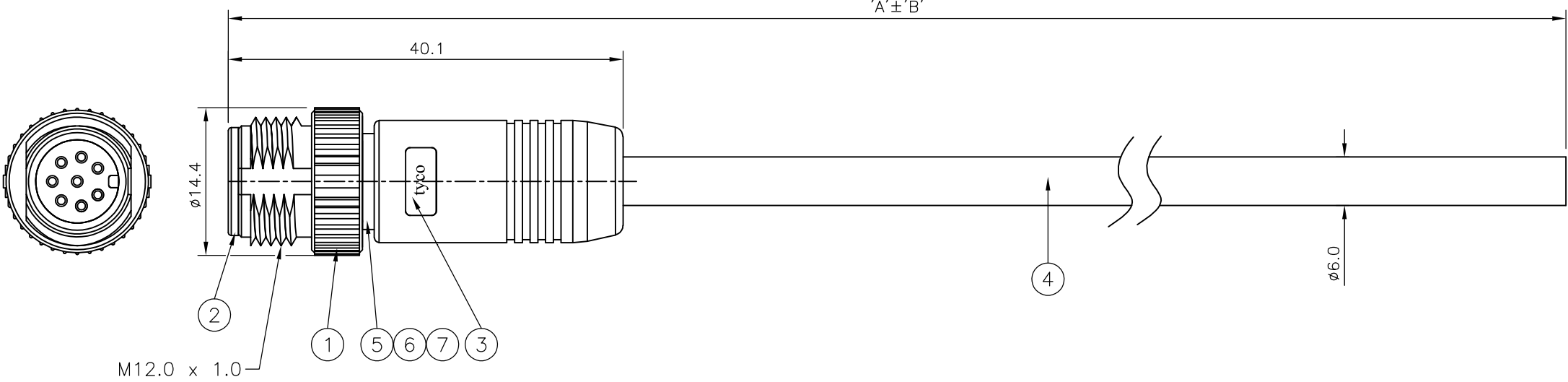
IP67
3. PROD SPEC:
- 108-3641
4. PACKAGING:
- 107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

ITEM	DESCRIPTION	MATERIAL	FINISH/COLOUR	QTY
1	SCREW NUT	ZINC DIE CAST	2.5µm NICKEL PLATED	1
2	CONNECTOR BODY	GF NYLON	BLACK	1
3	PIN CONTACT	BRASS	0.15µm GOLD OVER NICKEL	8
4	8 CORE CABLE (CORES 0.25mm²/24AWG)	PU JACKET HAL FREE	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	1838364-5
7000	350 mm	M12 STRAIGHT MALE CONNECTOR 7.0m CABLE	1838364-4
5000	250 mm	M12 STRAIGHT MALE CONNECTOR 5.0m CABLE	1838364-3
3000	150 mm	M12 STRAIGHT MALE CONNECTOR 3.0m CABLE	1838364-2
2000	100 mm	M12 STRAIGHT MALE CONNECTOR 2.0m CABLE	1838364-1
DIM A	TOL 'B'	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN MANJUNATH.T.N	03APR06	tyco Electronics		Tyco Electronics Corporation	
DIMENSIONS: mm		CHK F.WHEELER-KING	07AUG06			Bideford, UK, EX39 4HE	
		APVD F.WHEELER-KING	07AUG06	NAME M12 SHIELDED, STRAIGHT MALE CONNECTOR WITHOUT STRAIN RELIEF 8 POSITION, PU CABLE		SIZE A3	
		PRODUCT SPEC —	—				
MATERIAL —		APPLICATION SPEC —	—	CAGE CODE 00779		DRAWING NO C-1838364	
FINISH —		WEIGHT —	—	RESTRICTED TO —		SCALE NTS	
		CUSTOMER DRAWING		SHEET 1		OF 1	
						REV B	