

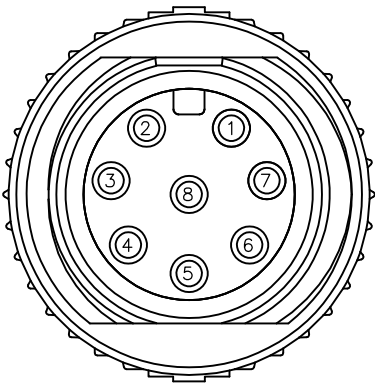
LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION		DATE	DWN	APVD
	B	ECR-07-012186		22/05/07	AM	FWK

NOTES:

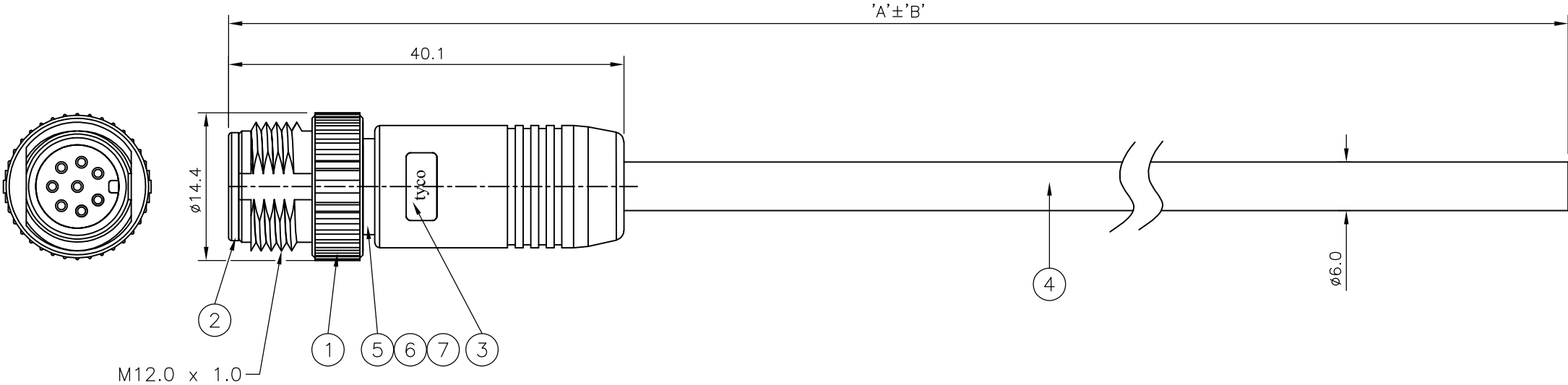
1. ELECTRICAL DATA:
- CONTACT RESISTANCE: 10 mOhm MAX
- INSULATION RESISTANCE: 100 MOhm MIN at 500VDC
- CURRENT RATING: 5 AMPS
- BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE
2. ENVIRONMENTAL:
- OPERATING TEMPERATURE: -25°C TO +90°C
- SEALING REQUIREMENTS: IP67
3. PROD SPEC: 108-3641
4. PACKAGING: 107-3334
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	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

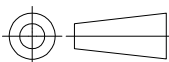
PIN ASSIGNMENTS
FRONT VIEW



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 Bideford, UK, EX39 4HE																
DIMENSIONS: mm		CHK F.WHEELER-KING 07AUG06																	
 <table><tr><td colspan="2">TOLERANCES UNLESS OTHERWISE SPECIFIED:</td></tr><tr><td>0 PLC</td><td>± -</td></tr><tr><td>1 PLC</td><td>± -</td></tr><tr><td>2 PLC</td><td>± -</td></tr><tr><td>3 PLC</td><td>± -</td></tr><tr><td>4 PLC</td><td>± -</td></tr><tr><td>ANGLES</td><td>± -</td></tr></table>		TOLERANCES UNLESS OTHERWISE SPECIFIED:		0 PLC	± -	1 PLC	± -	2 PLC	± -	3 PLC	± -	4 PLC	± -	ANGLES	± -	APVD F.WHEELER-KING 07AUG06	NAME M12 SHIELDED, STRAIGHT MALE CONNECTOR WITHOUT STRAIN RELIEF 8 POSITION, PU CABLE		
		TOLERANCES UNLESS OTHERWISE SPECIFIED:																	
0 PLC	± -																		
1 PLC	± -																		
2 PLC	± -																		
3 PLC	± -																		
4 PLC	± -																		
ANGLES	± -																		
PRODUCT SPEC —																			
MATERIAL —		APPLICATION SPEC —		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO												
		WEIGHT —		A3	00779	C-1838364	—												
FINISH —		CUSTOMER DRAWING					SCALE NTS	SHEET 1 OF 1	REV B										