

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION MARCH ,2006.

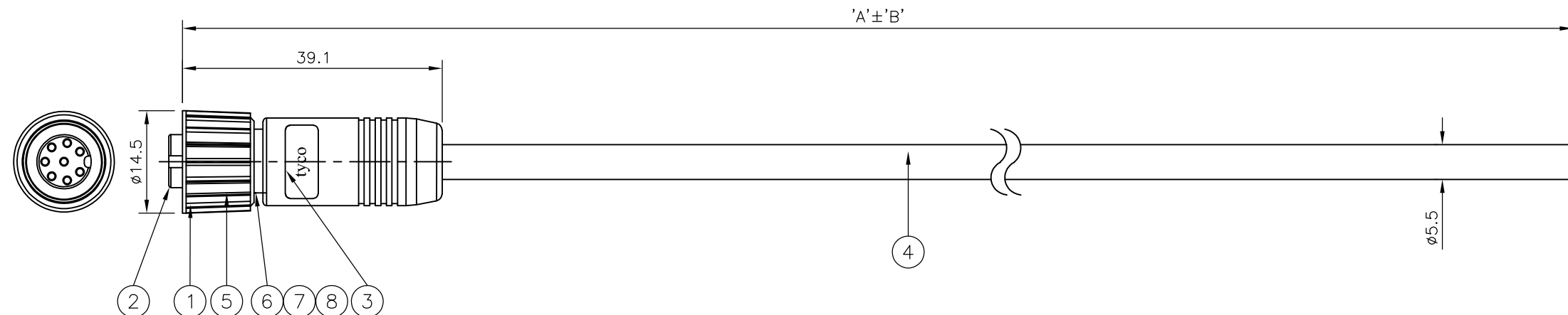
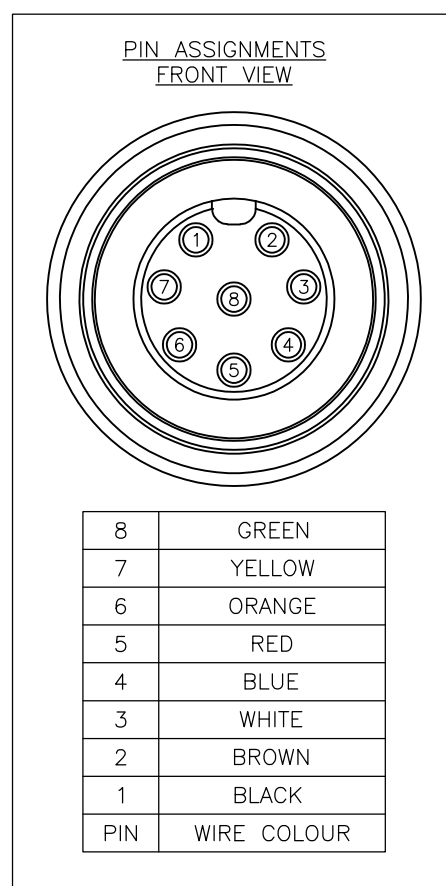
© COPYRIGHT 2006 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
E	B	P	LTR	DESCRIPTION	DATE	DWN	APVD
		B		ECR-07-012168	22/05/07	AM	FWK

NOTES:

- 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
- ENVIRONMENTAL: OPERATING TEMPERATURE: -20°C TO +80°C
SEALING REQUIREMENTS: IP67
- PROD SPEC: 108-3641
- PACKAGING: 107-3334
- FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
- 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	SOCKET CONTACT	BRASS	0.15µm GOLD OVER NICKEL	8
4	8 CORE CABLE (CORES 24AWG TO UL2464)	PVC JACKET UV RESISTANT	BLACK	1
5	'O' RING	VITON 70	GREEN	1
6	SHIELD	BRASS	-	1
7	SHIELDING FOIL	COPPER	-	1
8	ADHESIVE	-	-	1



10000	500 mm	M12 STRAIGHT FEMALE CONNECTOR 10.0m CABLE	1838355-5
7000	350 mm	M12 STRAIGHT FEMALE CONNECTOR 7.0m CABLE	1838355-4
5000	250 mm	M12 STRAIGHT FEMALE CONNECTOR 5.0m CABLE	1838355-3
3000	150 mm	M12 STRAIGHT FEMALE CONNECTOR 3.0m CABLE	1838355-2
2000	100 mm	M12 STRAIGHT FEMALE CONNECTOR 2.0m CABLE	1838355-1
DIM A	TOL 'B'	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN MANJUNATH.T.N 10APR06	tyco Tyco Electronics Corporation																			
DIMENSIONS: mm		CHK F.WHEELER-KING 04MAY06	Electronics Bideford, UK, EX39 4HE																			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD F.WHEELER-KING 04MAY06	NAME M12 SHIELDED, STRAIGHT FEMALE CONNECTOR WITHOUT STRAIN RELIEF 8 POSITION, PVC CABLE																			
<table border="1"> <tr><td>0</td><td>PLC</td><td>± -</td></tr> <tr><td>1</td><td>PLC</td><td>± -</td></tr> <tr><td>2</td><td>PLC</td><td>± -</td></tr> <tr><td>3</td><td>PLC</td><td>± -</td></tr> <tr><td>4</td><td>PLC</td><td>± -</td></tr> <tr><td colspan="2">ANGLES</td><td>± -</td></tr> </table>		0	PLC	± -	1	PLC	± -	2	PLC	± -	3	PLC	± -	4	PLC	± -	ANGLES		± -	PRODUCT SPEC -	SIZE A3	CAGE CODE 00779
0	PLC	± -																				
1	PLC	± -																				
2	PLC	± -																				
3	PLC	± -																				
4	PLC	± -																				
ANGLES		± -																				
MATERIAL -		FINISH -	DRAWING NO C-1838355	RESTRICTED TO -																		
CUSTOMER DRAWING			SCALE NTS	SHEET 1 OF 1																		
			REV B																			