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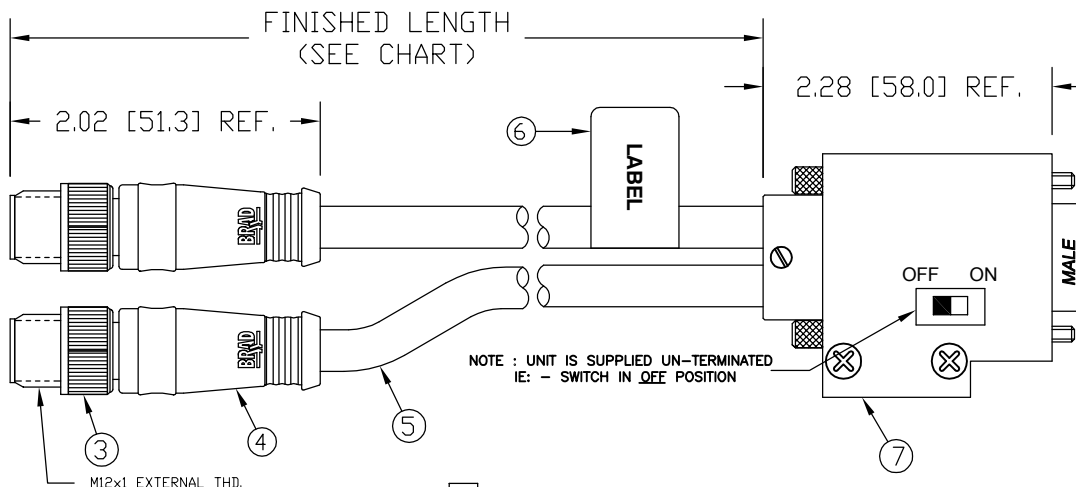
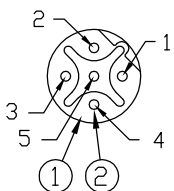
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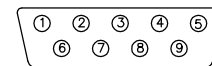
1

MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1200980150	BM5G60PP4M010	1.0M +55.6mm -0 [3.28' +2.19" -0]
1200980045	BM5G60PP4M050	5.0M +165.1mm -0 [16.40' +6.50" -0]

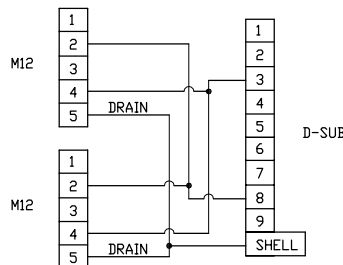
MICRO-CHANGE MALE FACE VIEW



9 WAY D-SUB MALE FACE VIEW



PINS 1, 2, 4, 5, 7, & 9 ARE NOT CONNECTED ON D-SUB



WIRING DIAGRAM

VOLTAGE RATING	250 VAC/VDC
AMPERAGE RATING	4 AMPS
PROTECTION FOR M12 CONNECTOR	IP67
PROTECTION FOR D-SUB	IP40
OPERATING TEMPERATURE - M12 HEAD	-20°C TO 80°C
OPERATING TEMPERATURE - D-SUB	0°C TO 60°C

ITEM	COMPONENT	MATERIAL	FINISH
1	M12 INSERT	NYLON	BLACK
2	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
3	COUPLING NUT	BRASS	NICKEL PLATED
4	OVERMOLD	PUR	YELLOW
5	CABLE- 22 AWG, COPPER STRANDING TWISTED PAIR, SHIELD WITH BRAID	PUR	PURPLE
6	LABEL	MLYAR	BLACK/YELLOW
7	D-SUB	ABS	BLACK

<b>RELEASED DRAWING</b> EC NO: WEL2010-0081 DRWN: LHARTMAN 8/26/09 CHKD: BWOODMAN 09/08/27 APPR: JFMURPHY 2009/08/28	<b>QUALITY SYMBOLS</b>  = 0  = 0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±----</td> <td>±----</td> </tr> <tr> <td>3 PLACES</td> <td>±----</td> <td>±----</td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±.01</td> </tr> <tr> <td>1 PLACE</td> <td>±0.3</td> <td>±----</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±----	±----	3 PLACES	±----	±----	2 PLACES	±---	±.01	1 PLACE	±0.3	±----	DIMENSION STYLE IN/MM	SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
				mm	INCH																
			4 PLACES	±----	±----																
			3 PLACES	±----	±----																
2 PLACES	±---	±.01																			
1 PLACE	±0.3	±----																			
<b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>	DRAWN BY <b>LHARTMAN</b>	DATE <b>2009/08/26</b>	TITLE <b>MICRO-CHANGE PROFIBUS 5P MA ST REV KEY - D-SUB #22/2 SHLD PURPLE PUR</b>																		
APPROVED BY <b>JFMURPHY</b>	DATE <b>2009/08/27</b>	<b>MOLEX INCORPORATED</b>	SHEET NO. <b>1 OF 1</b>																		
<b>SIZE A</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				

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