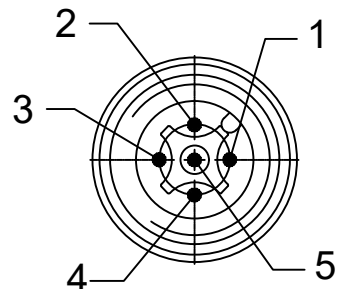


MALE FACE VIEW
5-POLE



WIRING DIAGRAM

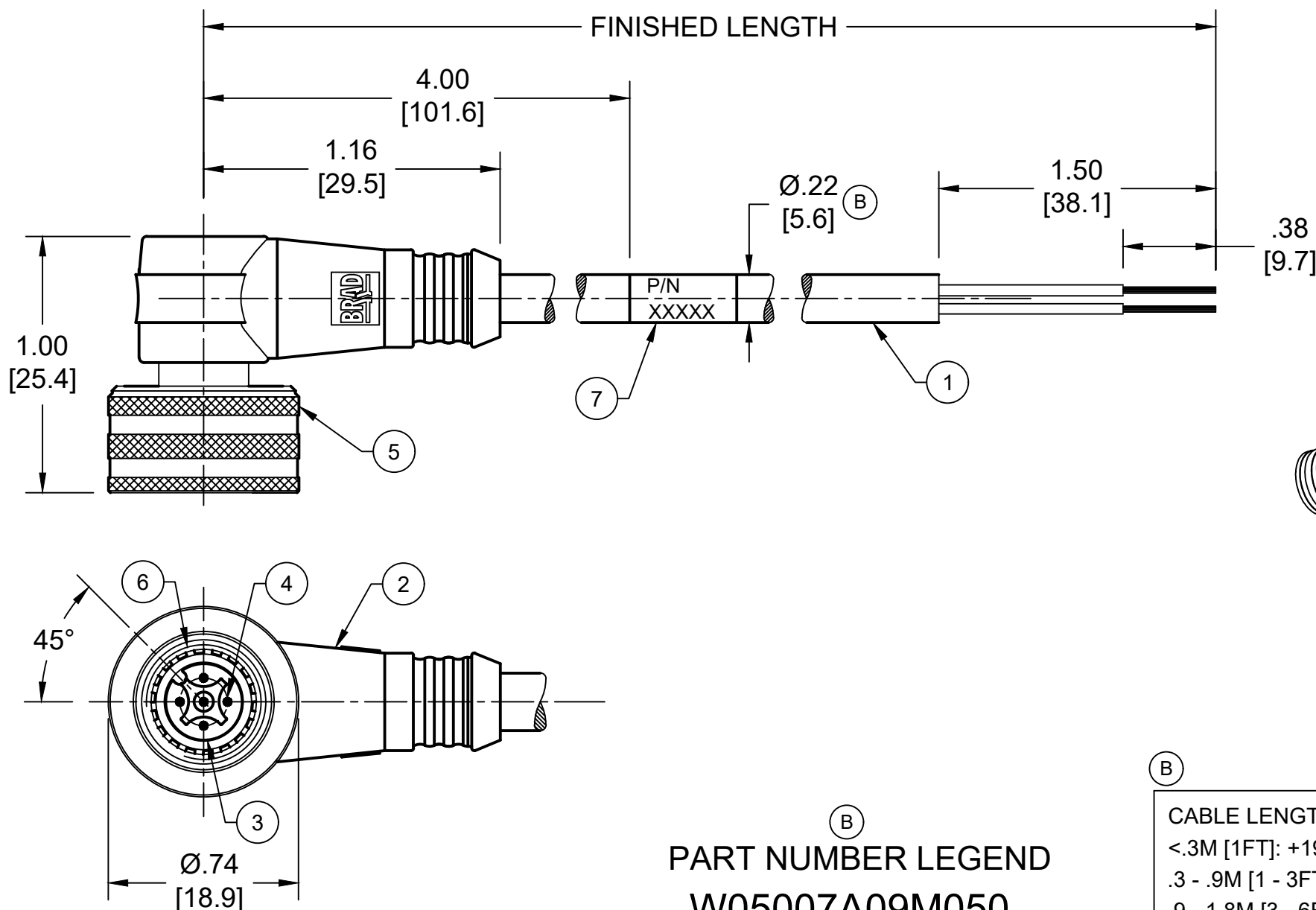
1 BROWN
2 WHITE
3 BLUE
4 BLACK
5 GREY

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 250V
CURRENT: 4A
4. TEMP RATING: -20°TO +105°C (B)
5. PROTECTION: IP67/68/69K (WHEN MATED)
6. CONTACT RESISTANCE: <5M Ohm
7. CSA CERTIFIED FILE: LR6837 (B)
8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

7	WRAP LABEL	VINYL	BLACK/YELLOW
6	O-RING	VITON	GREEN
5	COUPLING NUT	BRASS	NICKEL PLATED
4	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
3	MALE INSERT	PUR	BLACK
2	OVERMOLD	PUR	YELLOW
1	#22 AWG CABLE	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2021/11/11	00:06:17
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PART NUMBER LEGEND
W05007A09M050

FINISHED LENGTH
M005 = 0.5 METER
M010 = 1 METER
M100 = 10 METER

PART NO	ENGINEERING NO.	FINISHED LENGTH
1200790046	W05007A09M006	0.6M [3FT 3 IN]
1200790246	W05007A09M050	5M [16FT 5 IN]
1200790248	W05007A09M100	10M [32FT 10 IN]

CABLE LENGTH TOLERANCES

<.3M [1FT]: +19mm-0 [+.75in-0]

.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]

.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]

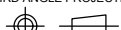
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]

3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]

7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]

14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]

OVER 30M [100FT] +2% OF FINISHED LENGTH

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
	DIMENSION UNITS		SCALE		CURRENT REV DESC: ITEM #7 WAS PLASTIC FILM. ADDED CSA NUMBER, CABLE DIA, PN LEGEND & TOL CHART. MODIFIED TEMP RATING & PN TABLE.					molex									
	INCH/MM		NTS																
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 684287 DRWN: ABENJAMINLW 2021/08/23 CHK'D: RSTONE 2021/11/08 APPR: BWOODMAN 2021/11/11					MICRO-CHANGE ULTRA LOCK CORDSET M12, 5 POLE, MALE, 90 DEG, SINGLE KEY, #22 AWG									
	mm		INCH		PRODUCT CUSTOMER DRAWING														
	4 PLACES ±----		±----																
	3 PLACES ±----		±----																
	2 PLACES ±----		±----																
	1 PLACE ±----		±----																
DIVISIONAL SYMBOLS	0 PLACES ±----		±----		INITIAL REVISION: DRWN: TWOLDEGE 2009/07/02 APPR: JFMURPHY 2009/07/20					DOCUMENT NUMBER SD-120079-008			DOC TYPE PSD		DOC PART 001		REVISION B		
	ANGULAR TOL ± ---- °				THIRD ANGLE PROJECTION 					DRAWING A3-SIZE		SERIES 120079		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																			