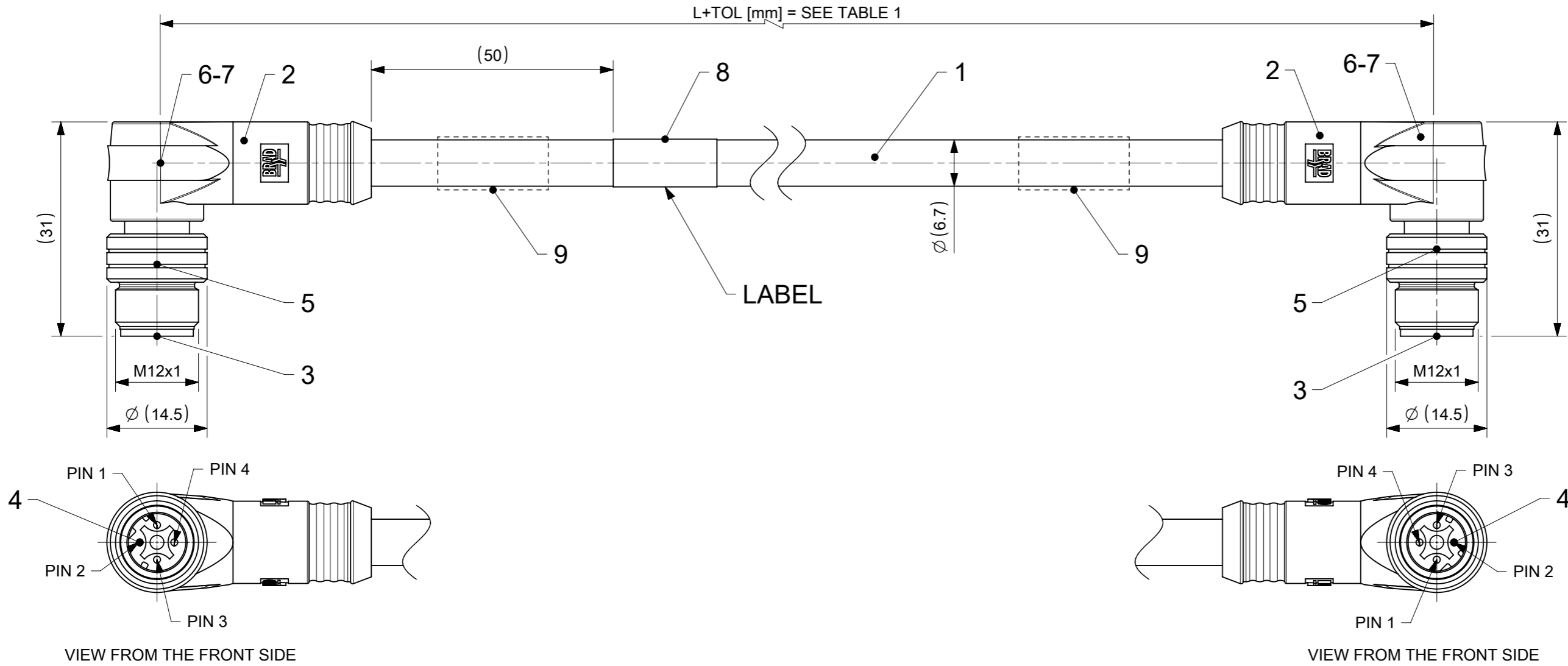


NOTES :  
 ELECTRICAL DATA :  
 VOLTAGE RATING : 250V  
 AMPERAGE RATING : 4A  
 INSULATION RESISTANCE :  $10^8 \Omega$  MIN.  
 MATING CYCLES : MIN. 100

ENVIRONMENTAL :  
 PROTECTION : IP67 IN MATED AND LOCKED POSITION  
 OPERATING TEMPERATURE :  $-25^\circ\text{C}$  TO  $+85^\circ\text{C}$

WIRING DIAGRAM



BOM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
9	2	ID CARRIER	-	-
8	1	LABEL 50x69,8	VINYL	WHITE
7	2	M12 SLEEVE RA	BRASS	Ni-PLATED
6	2	M12 SLEEVE RA	BRASS	Ni-PLATED
5	2	M12 MALE NUT (SHIELD)	BRASS	Ni-PLATED
4	8	CONTACT 10 MALE	Cu/Ni2	GOLD
3	2	INSERT M12 MA 4P	PUR	BLACK
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE 4x22AWG O.D. 6.8MM	PUR	GREEN

TABLE 1

ITEM	PART NO	ENGINEERING NO	L+TOL [mm]
1	1201080200	E11A06311M020	2000+60
2	1201080295	E11A06311M010	1000+40
3	1201080296	E11A06311M050	5000+60
4	1201080297	E11A06311M100	10000+80
5	1201088244	E11A06311M005	500+40

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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE	3:2	CURRENT REV DESC:	<b>molex</b>	
$\nabla_A = 0$	mm	GENERAL TOLERANCES (UNLESS SPECIFIED)	4 PLACES $\pm$			EC NO: 672185
$\nabla_E = 0$		ANGULAR TOL $\pm 0.5^\circ$	3 PLACES $\pm$			DRWN: SSM 2021/06/28
$\nabla_V = 0$			2 PLACES $\pm 0.05$			CHK'D: RSILLER 2021/09/20
DIVISIONAL SYMBOLS			1 PLACE $\pm 0.1$	APPR: RSILLER 2021/09/20	MIC 4P MM/MM 90/90 D-CODED	
			0 PLACES $\pm$	INITIAL REVISION:		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRWN: BRUPERT 2011/11/23	PRODUCT CUSTOMER DRAWING	
			THIRD ANGLE PROJECTION	APPR: JFMURPHY 2012/04/17	DOCUMENT NUMBER	
			DRAWING		SD-120108-042	
			SERIES		DOC TYPE	
			A3-SIZE	120108	PSD	
			MATERIAL NUMBER	SEE TABLE 1	DOC PART	
			CUSTOMER	GENERAL MARKET	REVISION	
					001 B2	
					SHEET NUMBER	
					1 OF 1	