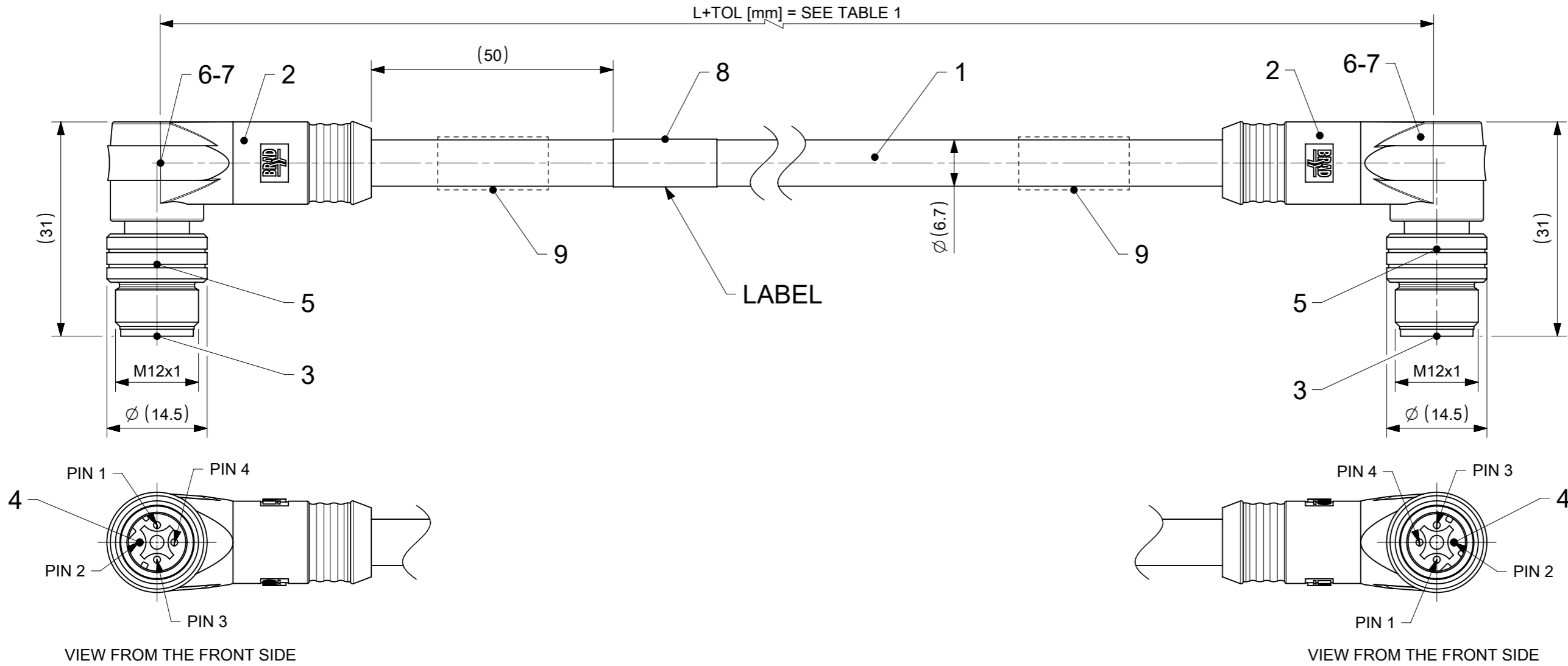


NOTES :
 ELECTRICAL DATA :
 VOLTAGE RATING : 250V
 AMPERAGE RATING : 4A
 INSULATION RESISTANCE : $10^8\Omega$ MIN.
 MATING CYCLES : MIN. 100

ENVIRONMENTAL :
 PROTECTION : IP67 IN MATED AND LOCKED POSITION
 OPERATING TEMPERATURE : -25°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

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_E = 0$ $\nabla_V = 0$	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:		
	DIMENSION UNITS mm	GENERAL TOLERANCES (UNLESS SPECIFIED)	EC NO: 672185		
DIVISIONAL SYMBOLS	ANGULAR TOL $\pm 0.5^\circ$	4 PLACES \pm	DRWN: SSM	2021/06/28	molex
	3 PLACES \pm	2 PLACES ± 0.05	CHK'D: RSILLER	2021/09/20	
	1 PLACE ± 0.1	0 PLACES \pm	APPR: RSILLER	2021/09/20	MIC 4P MM/MM 90/90 D-CODED
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRWING	SERIES	PRODUCT CUSTOMER DRAWING
			A3-SIZE	120108	DOCUMENT NUMBER SD-120108-042
					DOC TYPE PSD
					DOC PART 001
					REVISION B2
					MATERIAL NUMBER SEE TABLE 1
					CUSTOMER GENERAL MARKET
					SHEET NUMBER 1 OF 1