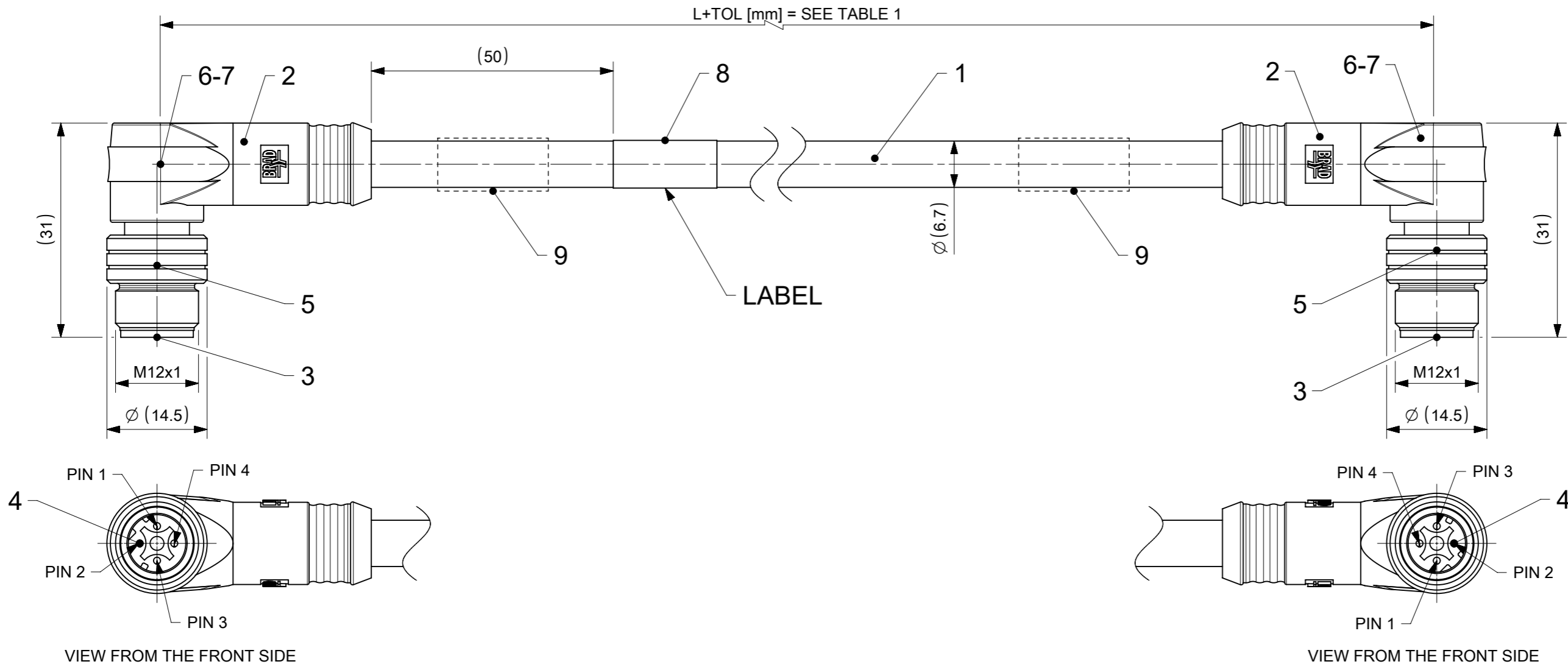


NOTES :
 ELECTRICAL DATA :
 VOLTAGE RATING : 250V
 AMPERAGE RATING : 4A
 INSULATION RESISTANCE : $10^8 \Omega$ MIN.
 MATING CYCLES : MIN. 100

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

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FUNCTIONAL SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:		
$\nabla_A = 0$	mm	3:2	EC NO: 672185		
$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SSM 2021/06/28		
$\nabla_V = 0$	ANGULAR TOL $\pm 0.5^\circ$		CHK'D: RSILLER 2021/09/20		
DIVISIONAL SYMBOLS	4 PLACES \pm		APPR: RSILLER 2021/09/20		
	3 PLACES \pm		INITIAL REVISION:		
	2 PLACES ± 0.05		DRWN: BRUPERT 2011/11/23		
	1 PLACE ± 0.1		APPR: JFMURPHY 2012/04/17		
	0 PLACES \pm		THIRD ANGLE PROJECTION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING		SERIES	SHEET NUMBER
		A3-SIZE		120108	1 OF 1

molex

MIC 4P MM/MM 90/90 D-CODED

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120108-042	PSD	001	B2

SEE TABLE 1 GENERAL MARKET