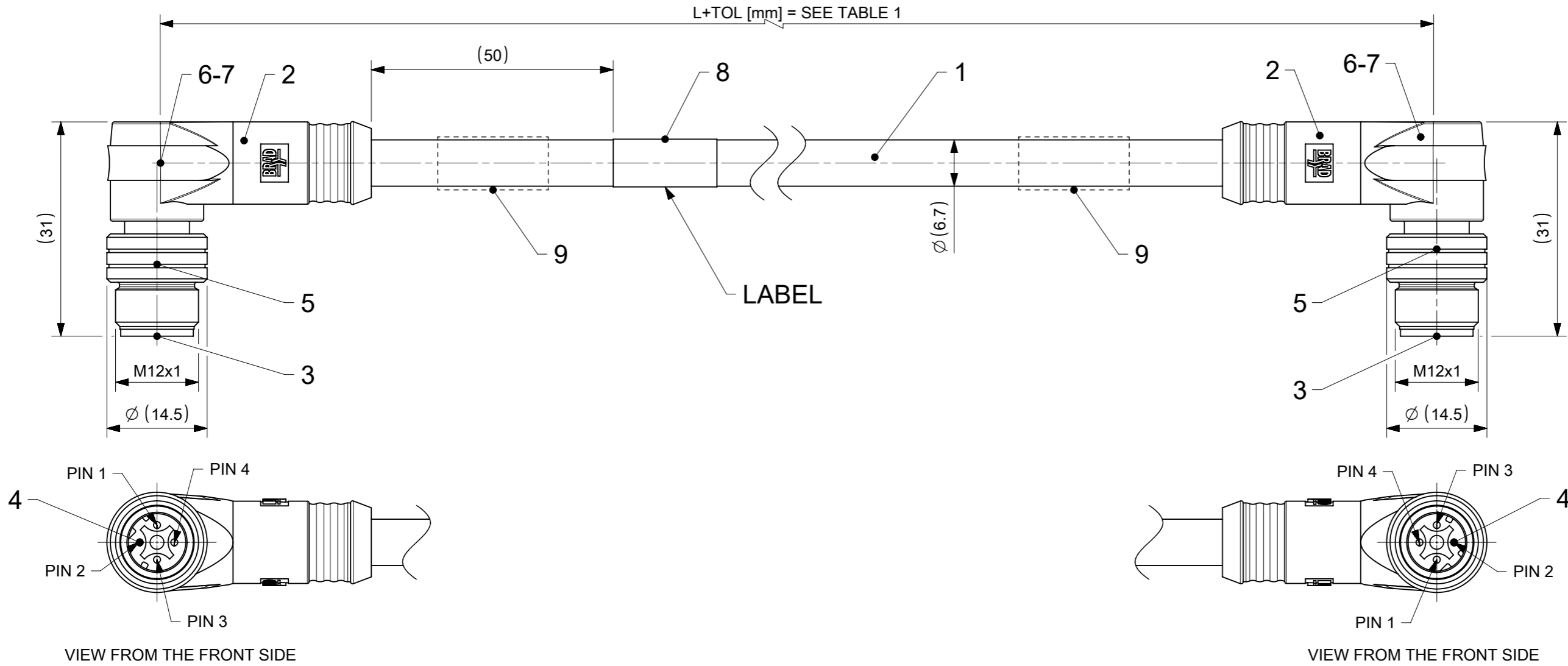


NOTES :
 ELECTRICAL DATA :
 VOLTAGE RATING : 250V
 AMPERAGE RATING : 4A
 INSULATION RESISTANCE : $10^8\Omega$ MIN.
 MATING CYCLES : MIN. 100

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: $\nabla/A = 0$, $\nabla/E = 0$, $\nabla/V = 0$

DIMENSION UNITS: mm

SCALE: 3:2

GENERAL TOLERANCES (UNLESS SPECIFIED):
 ANGULAR TOL $\pm 0.5^\circ$
 4 PLACES \pm
 3 PLACES \pm
 2 PLACES ± 0.05
 1 PLACE ± 0.1
 0 PLACES \pm

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE

SERIES: 120108

MATERIAL NUMBER: SEE TABLE 1

CUSTOMER: GENERAL MARKET

SHEET NUMBER: 1 OF 1

CURRENT REV DESC:

EC NO: 672185
 DRWN: SSM
 CHK'D: RSILLER
 APPR: RSILLER

INITIAL REVISION:
 DRWN: BRUPERT
 APPR: JFMURPHY

2021/06/28
 2021/09/20
 2011/11/23
 2012/04/17

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-120108-042

DOC TYPE: PSD

DOC PART: 001

REVISION: B2