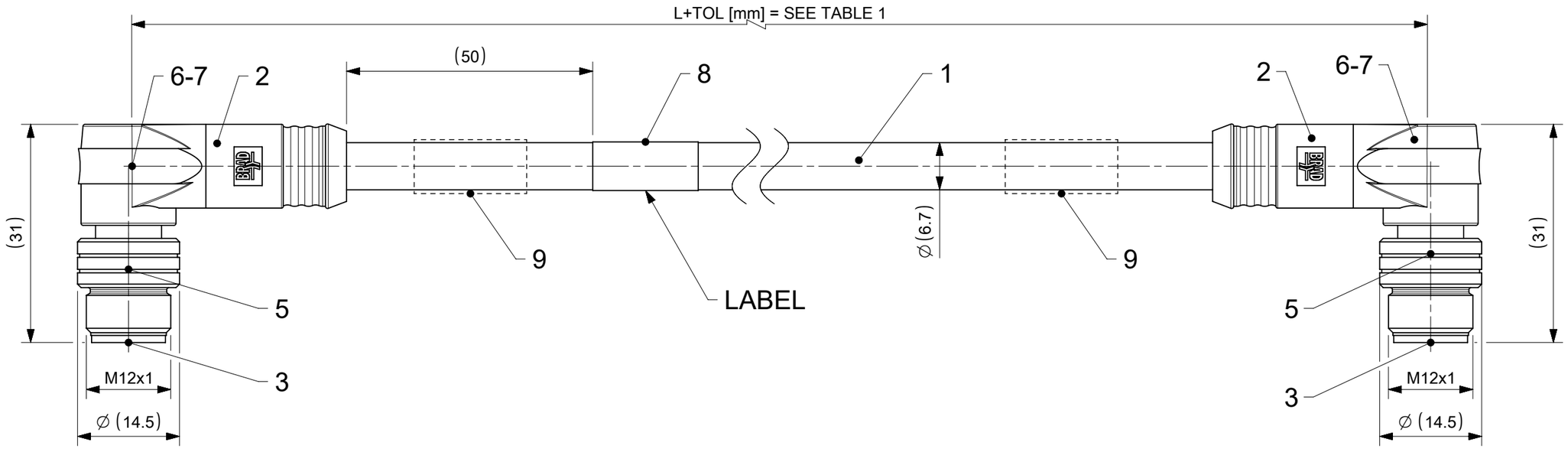
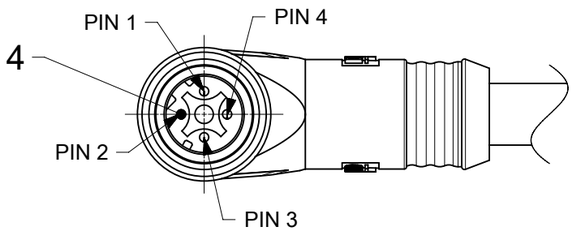
NOTES :
ELECTRICAL DATA :
VOLTAGE RATING : 250V
AMPERAGE RATING : 4A
INSULATION RESISTANCE : $10^8\Omega$ MIN.
MATING CYCLES : MIN. 100

ENVIRONMENTAL :
PROTECTION : IP67 IN MATED AND LOCKED POSITION
OPERATING TEMPERATURE : -25°C TO +85°C

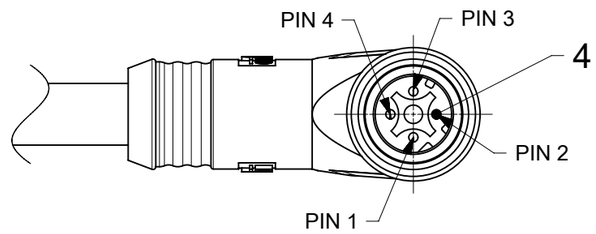
WIRING DIAGRAM







VIEW FROM THE FRONT SIDE



VIEW FROM THE FRONT SIDE

BOM

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
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR

DOCUMENT STATUS	P1	RELEASE DATE	2021/09/20 12:58:24

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
FA = 0
FC = 0
FB = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 3:2
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 0.5°
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.05
1 PLACE ± 0.1
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:
EC NO: 672185
DRWN: SSM 2021/06/28
CHK'D: RSILLER 2021/09/20
APPR: RSILLER 2021/09/20
INITIAL REVISION:
DRWN: BRUPERT 2011/11/23
APPR: JFMURPHY 2012/04/17

THIRD ANGLE PROJECTION
DRAWING: A3-SIZE
SERIES: 120108

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

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE 1	GENERAL MARKET	1 OF 1

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14