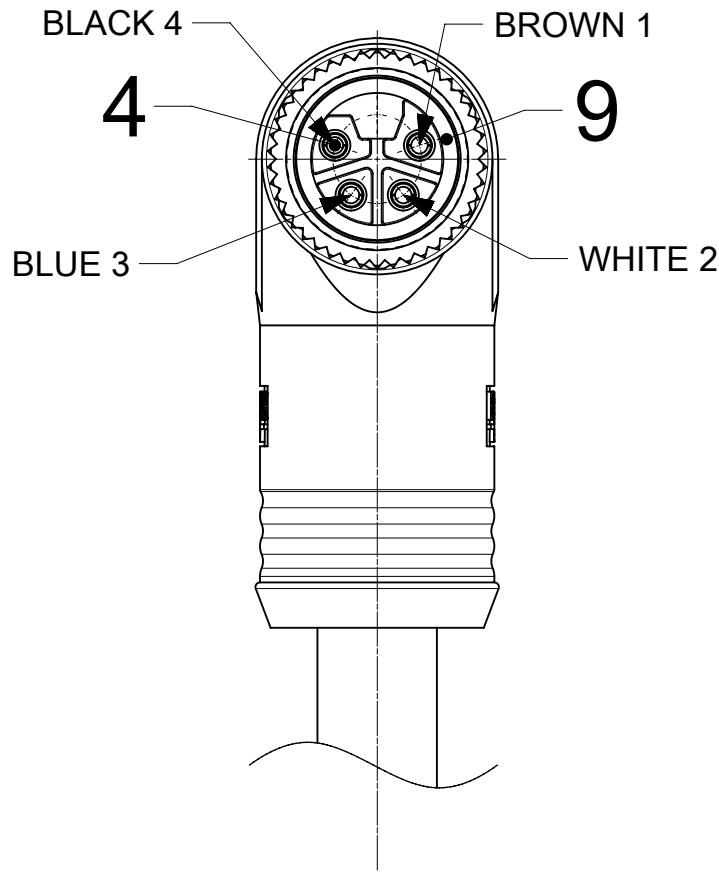
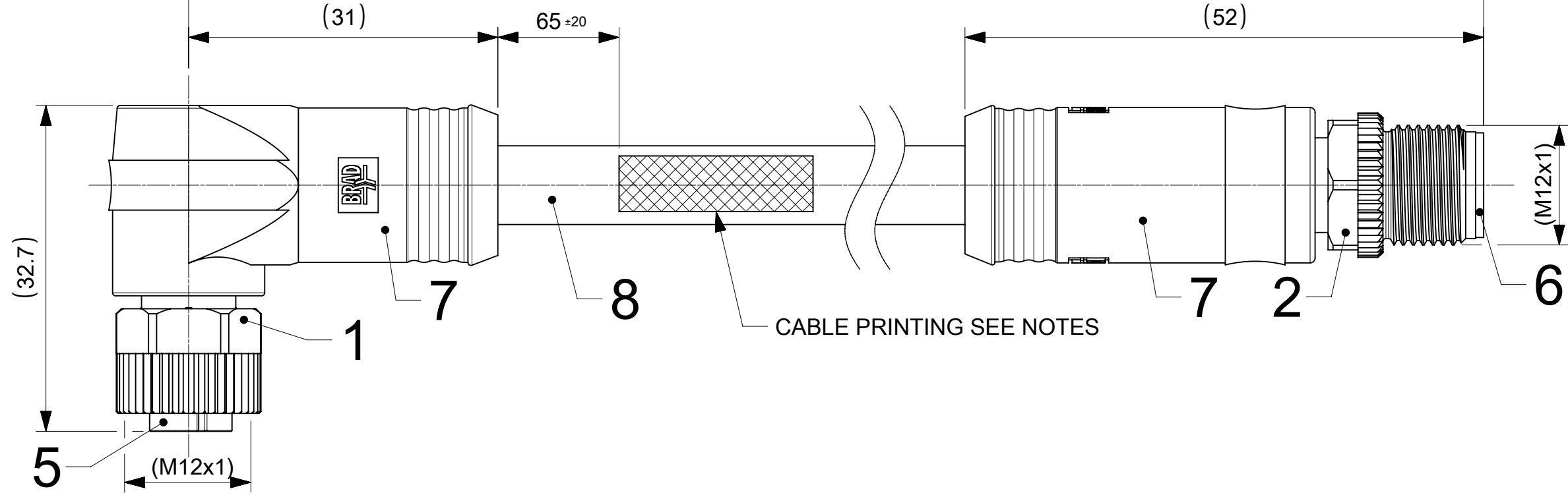


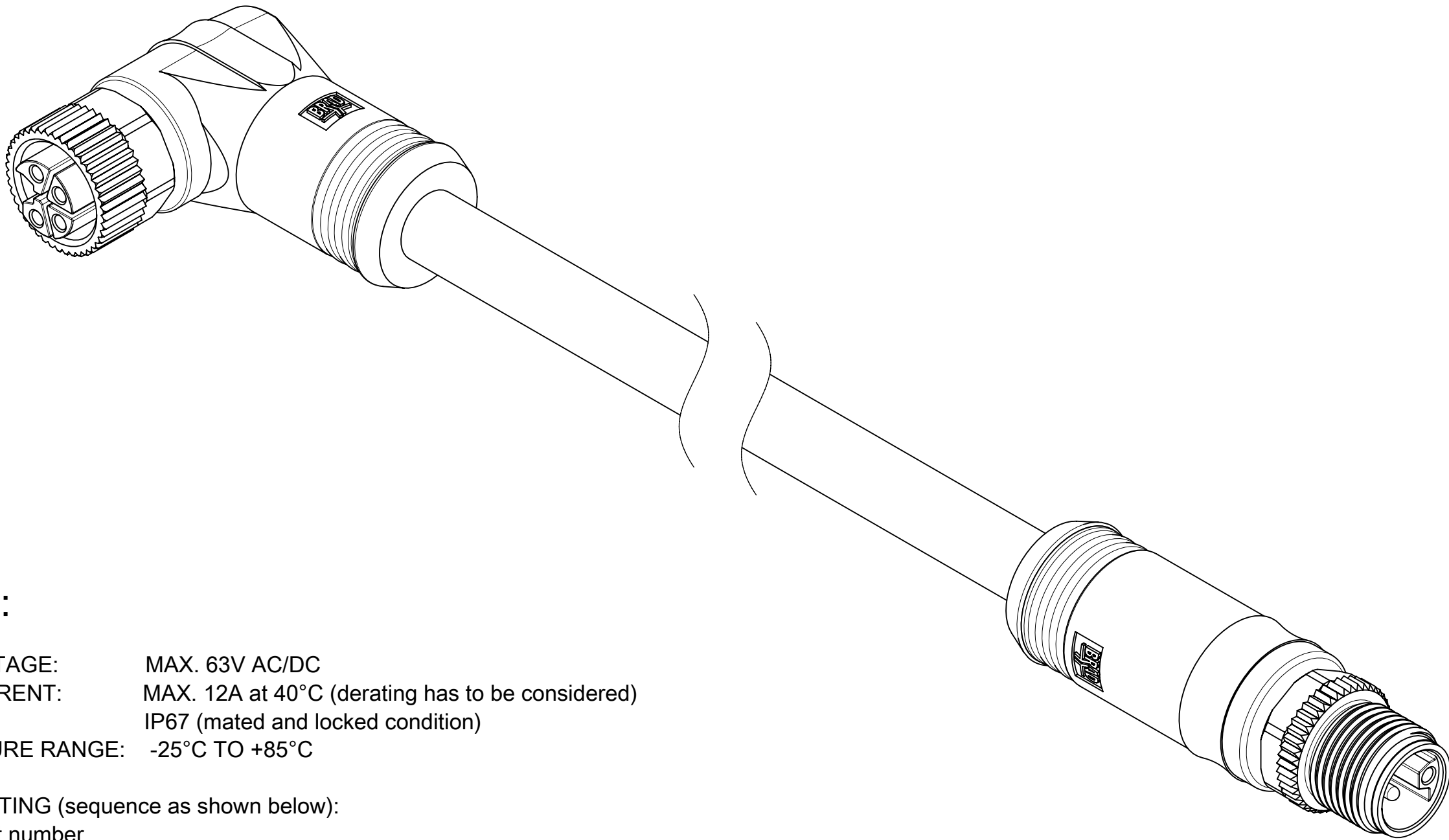
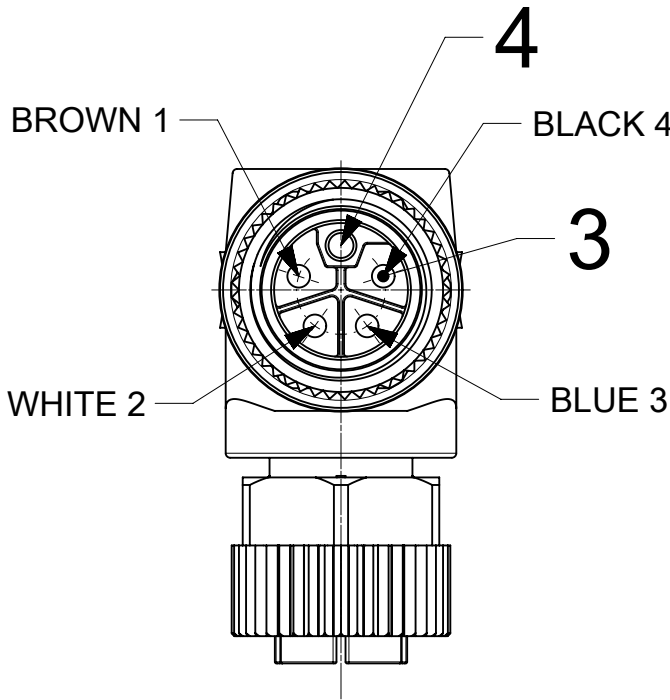
MATING SIDE
FEMALE CONNECTOR



L=[mm] REFER TO TABLE 2



MATING SIDE
MALE CONNECTOR



NOTES:

- RATED VOLTAGE: MAX. 63V AC/DC
RATED CURRENT: MAX. 12A at 40°C (derating has to be considered)
IP RATING: IP67 (mated and locked condition)
TEMPERATURE RANGE: -25°C TO +85°C
- CABLE PRINTING (sequence as shown below):
- MOLEX part number
 - "Made in " COUNTRY OF ORIGIN
 - MOLEX AND DATE OF MANUFACTURING (YY=YEAR; WW=WEEK): MXYYYWW
 - Not for current interrupting

PART ACCORDING PRODUCT SPEC: 1205010169
PACKAGING ACCORDING PACKAGING SPEC: 1201202000

TABLE 1

POS	DESCRIPTION	MATERIAL	FINISH
1	NUT M12 FE	BRASS	Ni
2	NUT M12 MA	BRASS	Ni
3	CONTACT 15 MA	BRASS	Au
4	CONTACT 15 FE	BRASS	Au
5	INSERT FEMALE	PA	BLACK
6	INSERT MALE	PA	BLACK
7	OVERMOLD	TPE	BLACK
8	CABLE 4x1.5 D7.9 WSOR	PUR	BLACK
9	GASKET OR 8.2X1.25	FKM	BLACK
OPTIONAL 10	ID CARRIER	-	-

FUNCTIONAL SYMBOLS $\frac{E}{A}=0$ $\frac{E}{C}=0$ $\frac{E}{P}=0$ DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS	SCALE	CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR							
	mm	2:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 735577 DRWN: MARUTD 2023/01/11 CHK'D: RSILLER 2023/01/19 APPR: RSILLER 2023/01/19							
	ANGULAR TOL	± 1.0°								
	4 PLACES	±	INITIAL REVISION: DRWN: FDAFERNER 2020/08/20 APPR: RSILLER 2022/12/05							
		3 PLACES								
		2 PLACES	± 0.05		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
		1 PLACE	± 0.3		1205010240		PSD	000	A1	
		0 PLACES	± 0.5		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	
					A2-SIZE	120501	SEE TABLE 2		GENERAL MARKET	
									1 OF 2	

ENGINEERING NO - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

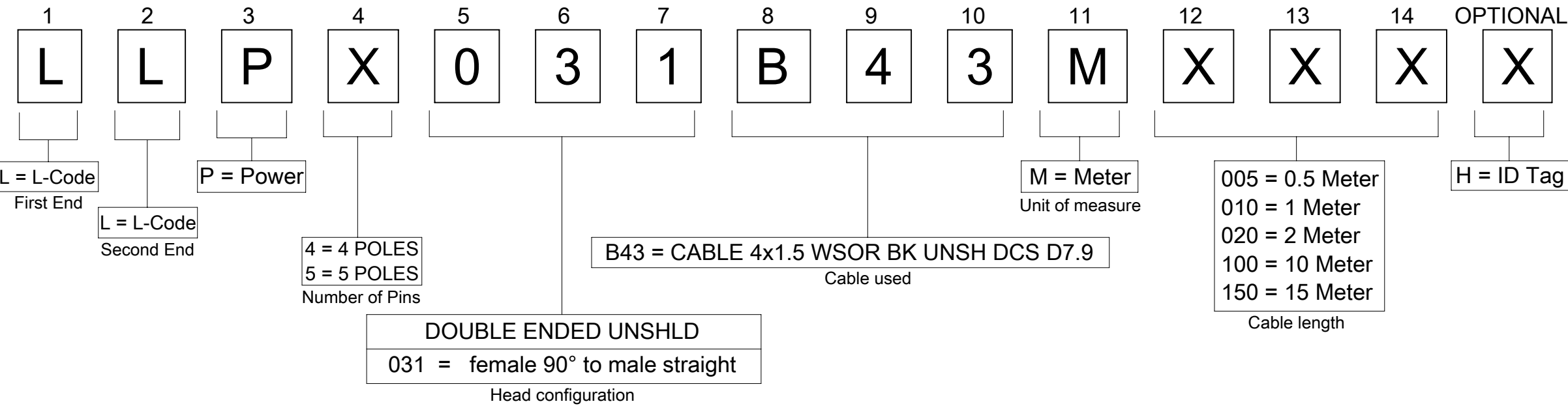


TABLE 2

NOMINAL SECTION 1,5mm²				
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]	
1205010240	LLP4031B43M005	500	+40	
1205010241	LLP4031B43M010	1000	+40	
1205010242	LLP4031B43M020	2000	+60	
1205010243	LLP4031B43M030	3000	+60	
1205010244	LLP4031B43M050	5000	+60	
1205010245	LLP4031B43M100	10000	+80	
1205010246	LLP4031B43M150	15000	+140	
1205010247	LLP4031B43M200	20000	+140	
DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19	11:13:52

FUNCTIONAL SYMBOLS

FA

=

0

FE

=

0

FE

=

0

DIVISIONAL SYMBOLS

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

DIMENSION UNITS

SCALE

CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR

mm

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

EC NO: 735577

DRWN: MARUTD

CHK'D: RSILLER

APPR: RSILLER

INITIAL REVISION:

DRWN: FDAFERNER

APPR: RSILLER

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

2023/01/11

2023/01/19

2023/01/19

2020/08/20

2022/12/05

A3-SIZE

120501

SEE TABLE 2

GENERAL MARKET

2 OF 2

mo

lex

CSE M12 4P LC FE RA MA STR WSOR BK XM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1205010240

DOC TYPE

PSD

DOC PART

000

REVISION

A1