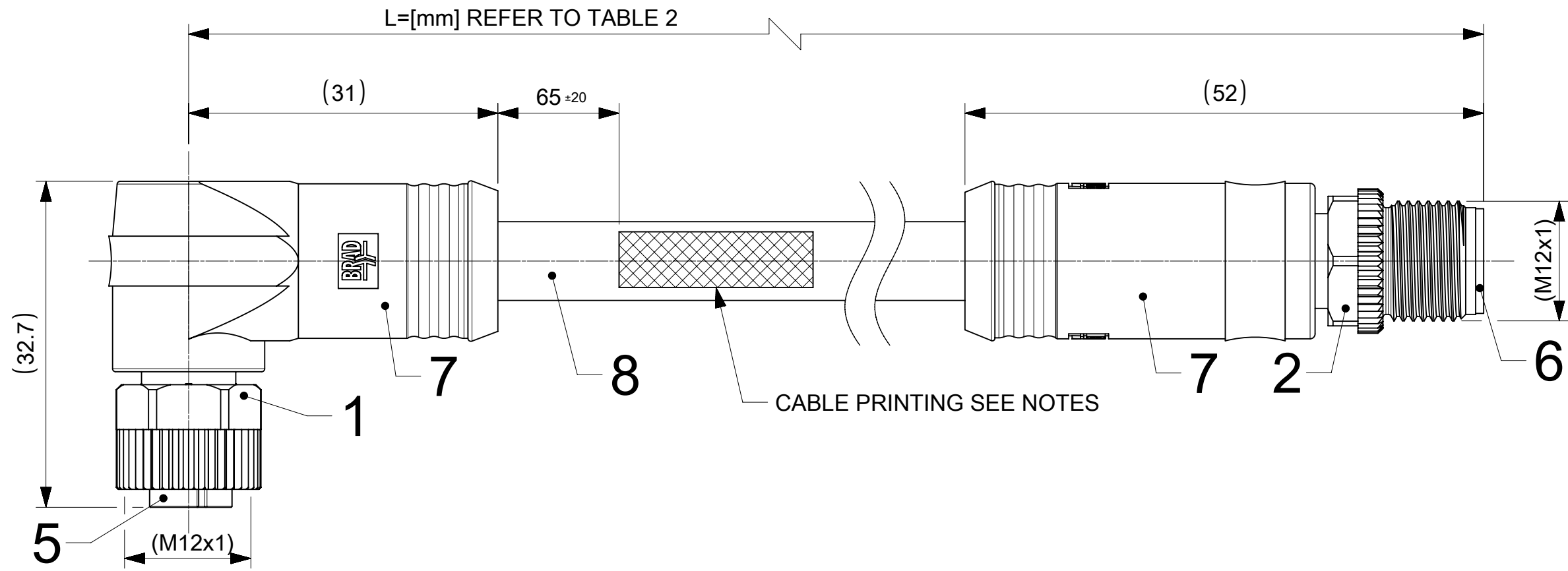
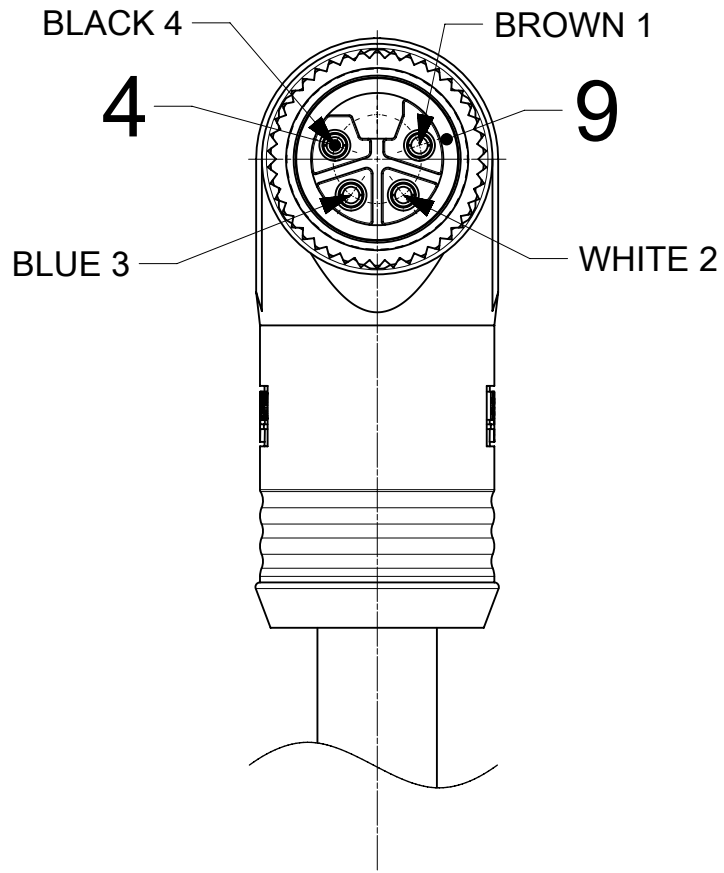
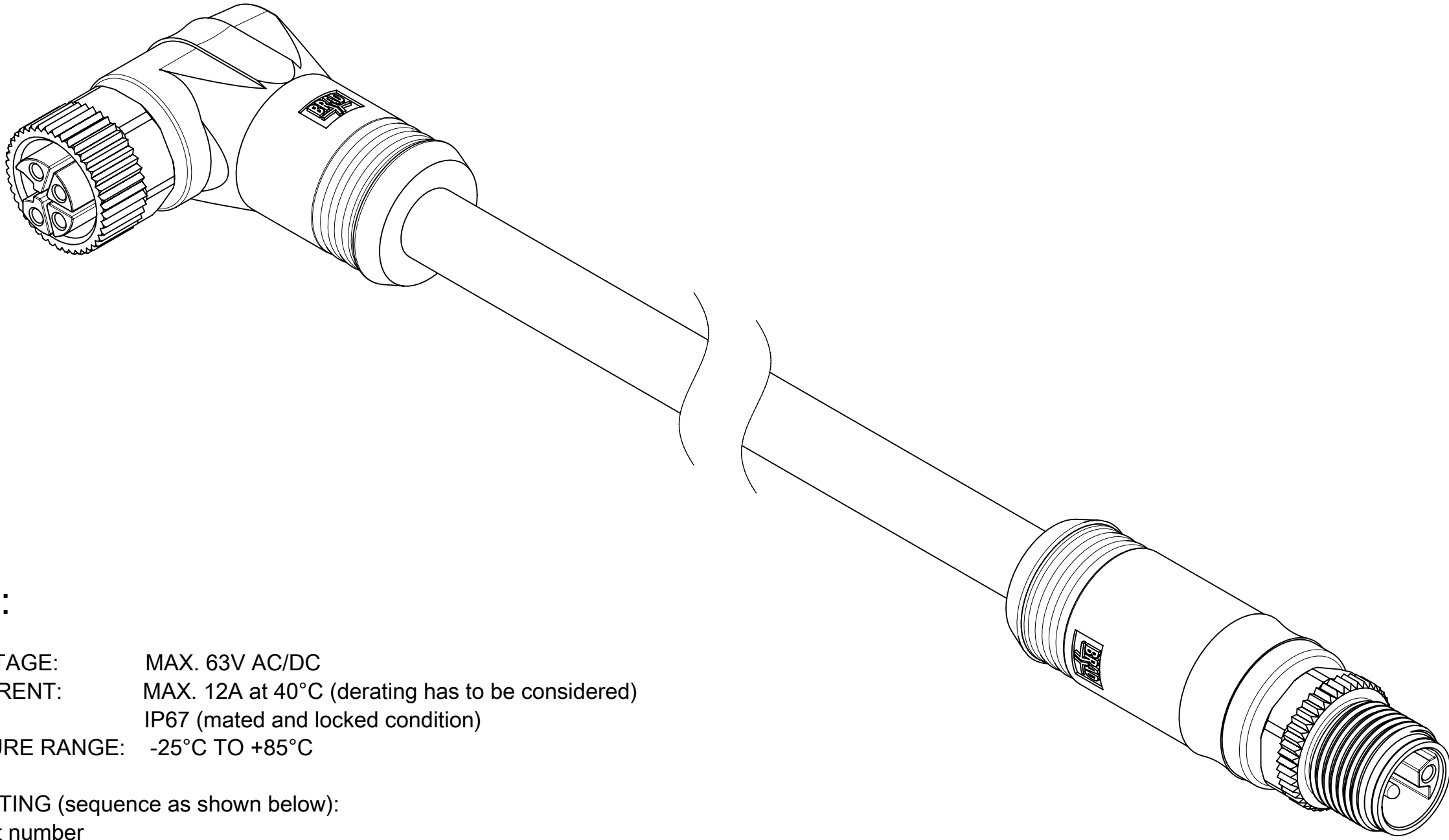
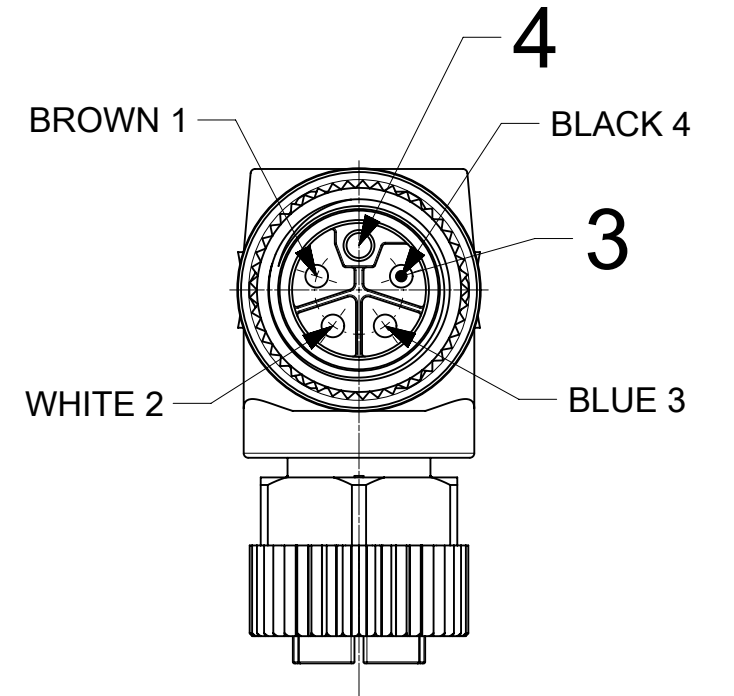


MATING SIDE

FEMALE CONNECTOR



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): MXYWW
- 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
10	ID CARRIER	-	-

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FA = 0 FE = 0 FD = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR			molex								
	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 INITIAL REVISION: DRWN: FDAERNER 2020/08/20 APPR: RSILLER 2022/12/05			CSE M12 4P LC FE RA MA STR WSOR BK XM								
	ANGULAR TOL		± 1.0 °													
	4 PLACES		±													
	3 PLACES		±													
2 PLACES		± 0.05														
DIVISIONAL SYMBOLS	1 PLACE		± 0.3		PRODUCT CUSTOMER DRAWING											
	0 PLACES		± 0.5					DOCUMENT NUMBER 1205010240								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION								DOC TYPE PSD		DOC PART 000		REVISION A1	
											DRAWING A2-SIZE		SERIES 120501		MATERIAL NUMBER SEE TABLE 2	

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

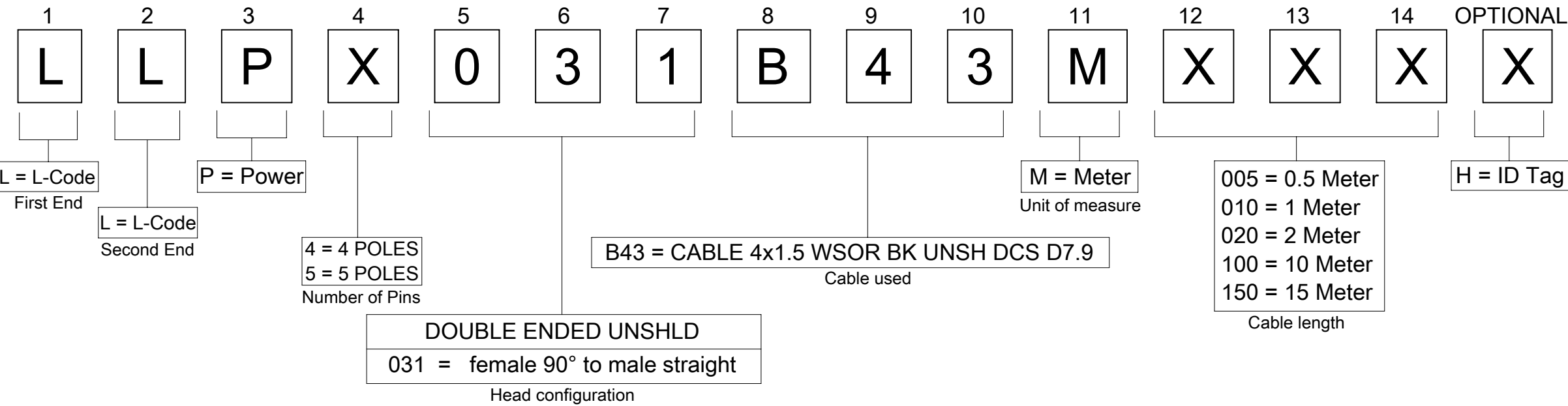


TABLE 2

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