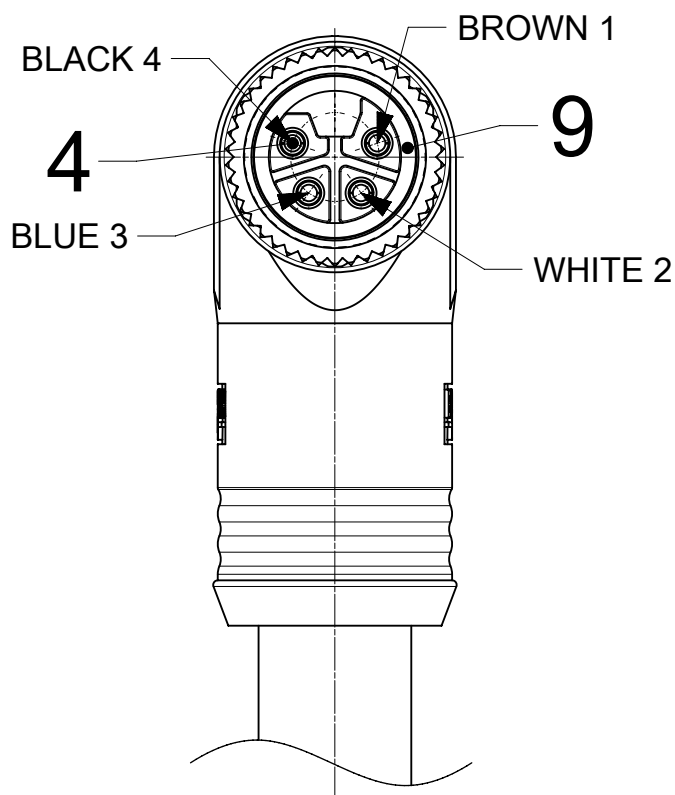
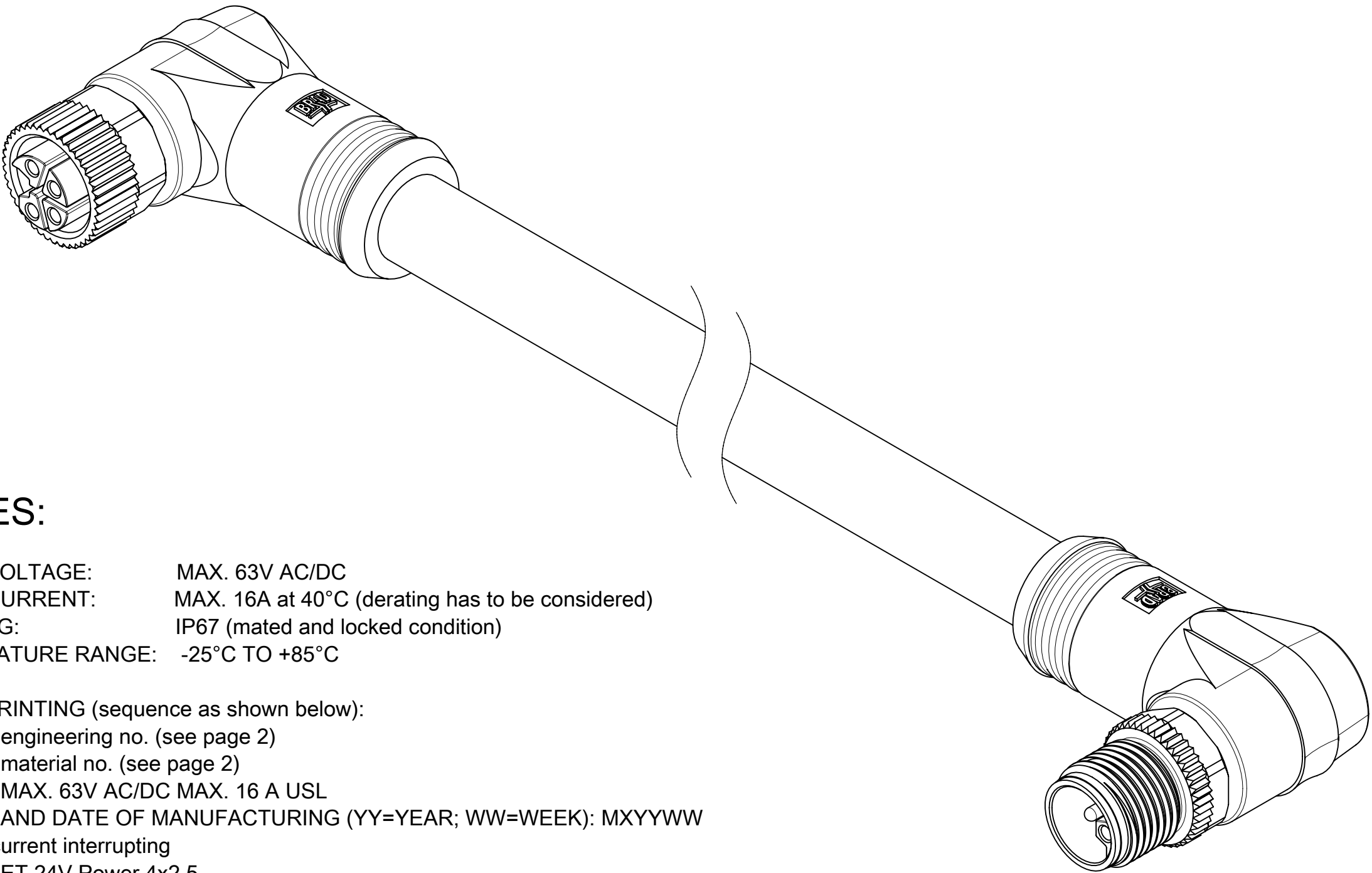
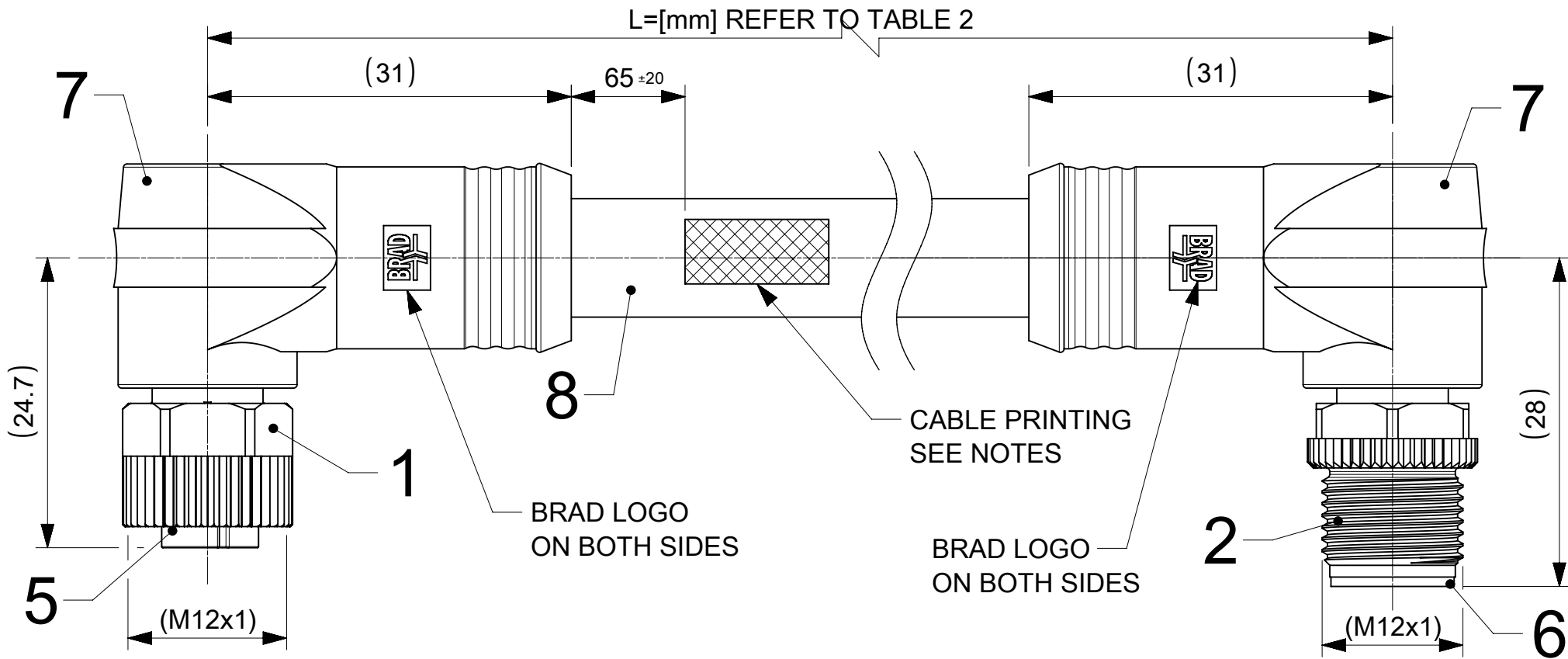
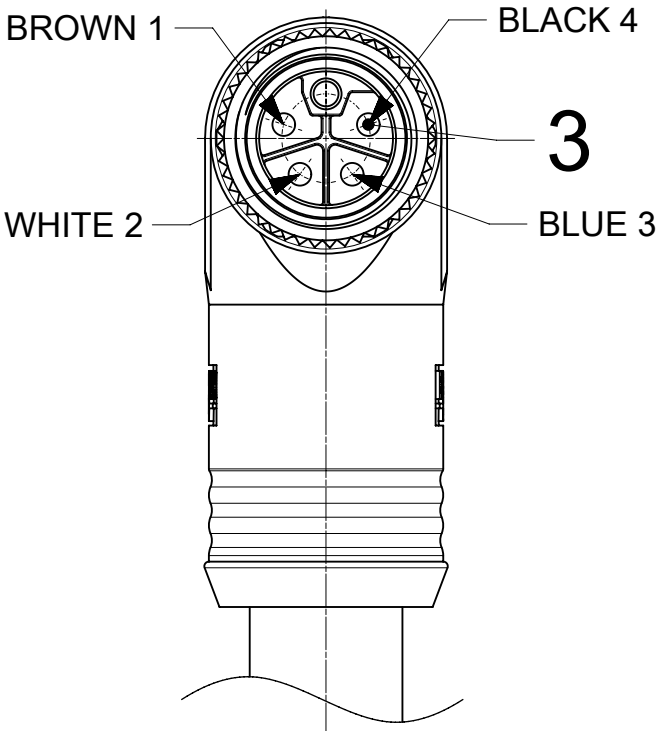


MATING SIDE
FEMALE CONNECTOR



MATING SIDE
MALE CONNECTOR



NOTES:

- RATED VOLTAGE: MAX. 63V AC/DC
RATED CURRENT: MAX. 16A 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 engineering no. (see page 2)
- MOLEX material no. (see page 2)
- MOLEX MAX. 63V AC/DC MAX. 16 A USL
- MOLEX AND DATE OF MANUFACTURING (YY=YEAR; WW=WEEK): MXYWW
- Not for current interrupting
- PROFINET 24V Power 4x2,5

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 4x2.5 D10.1 WSOR	PUR	BLACK
9	GASKET OR 8.2X1.25	FKM	BLACK
OPTIONAL 10	ID CARRIER	-	-

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
FUNCTIONAL SYMBOLS $\frac{E}{A}=0$ $\frac{E}{C}=0$ $\frac{E}{P}=0$ DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR			molex CSE M12 4P LC FE RA MA RA WSOR BK XM									
	mm		2:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 735577 DRWN: NIKHIS3 2023/01/12 CHK'D: RSILLER 2023/01/19 APPR: RSILLER 2023/01/19 INITIAL REVISION: DRWN: FDAFERNER 2020/05/12 APPR: RSILLER 2021/10/05											
	ANGULAR TOL ± 1.0°																
	4 PLACES		±														
3 PLACES		±															
2 PLACES		± 0.05															
1 PLACE		± 0.3							PRODUCT CUSTOMER DRAWING								
0 PLACES		± 0.5							DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION		
										1205010156		PSD		000		A1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
							A2-SIZE		120501		SEE TABLE 2		GENERAL MARKET		1 OF 2		

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19	11:13:47
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ENGINEERING NO - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

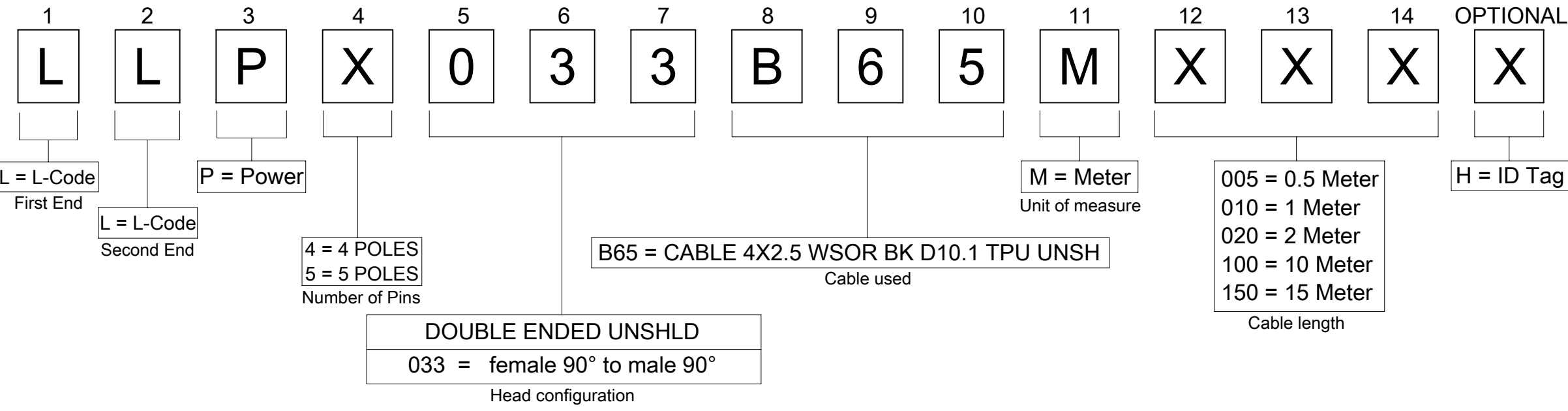


TABLE 2

NOMINAL SECTION 2,5mm²			
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]
1205010156	LLP4033B65M005	500	+40
1205010157	LLP4033B65M010	1000	+40
1205010158	LLP4033B65M020	2000	+60
1205010159	LLP4033B65M030	3000	+60
1205010160	LLP4033B65M050	5000	+60
1205010161	LLP4033B65M100	10000	+80
1205010162	LLP4033B65M150	15000	+140
1205010163	LLP4033B65M200	20000	+140

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

mm

SCALE

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

CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR

EC NO: 735577

DRWN: NIKHIS3

CHK'D: RSILLER

APPR: RSILLER

2023/01/12

2023/01/19

2023/01/19

INITIAL REVISION:

DRWN: FDAFERNER

APPR: RSILLER

2020/05/12

2021/10/05

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

moLEX

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1205010156

DOC TYPE

PSD

DOC PART

000

REVISION

A1

SEE TABLE 2

GENERAL MARKET

2 OF 2

A3-SIZE

120501

10

9

8

7

6

5

4

3

2

1