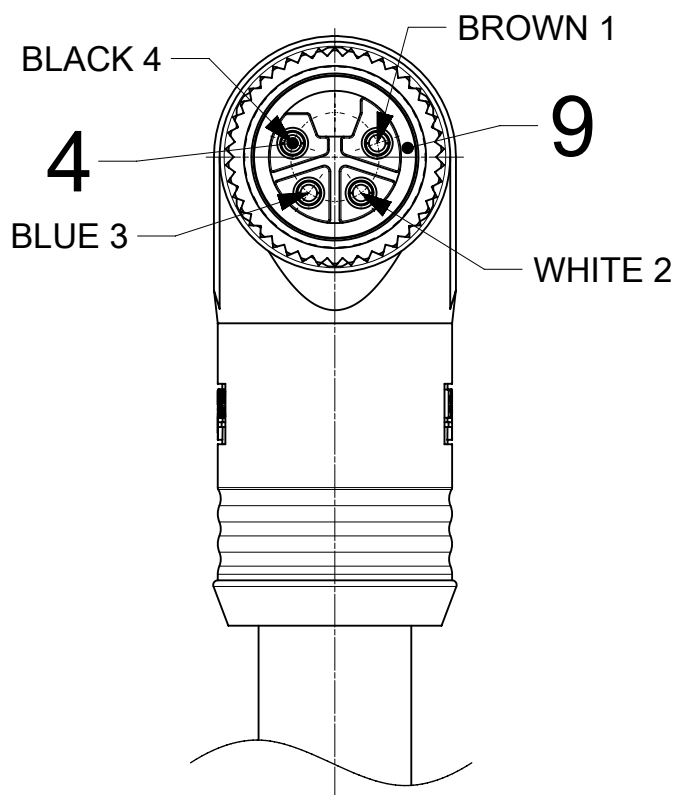
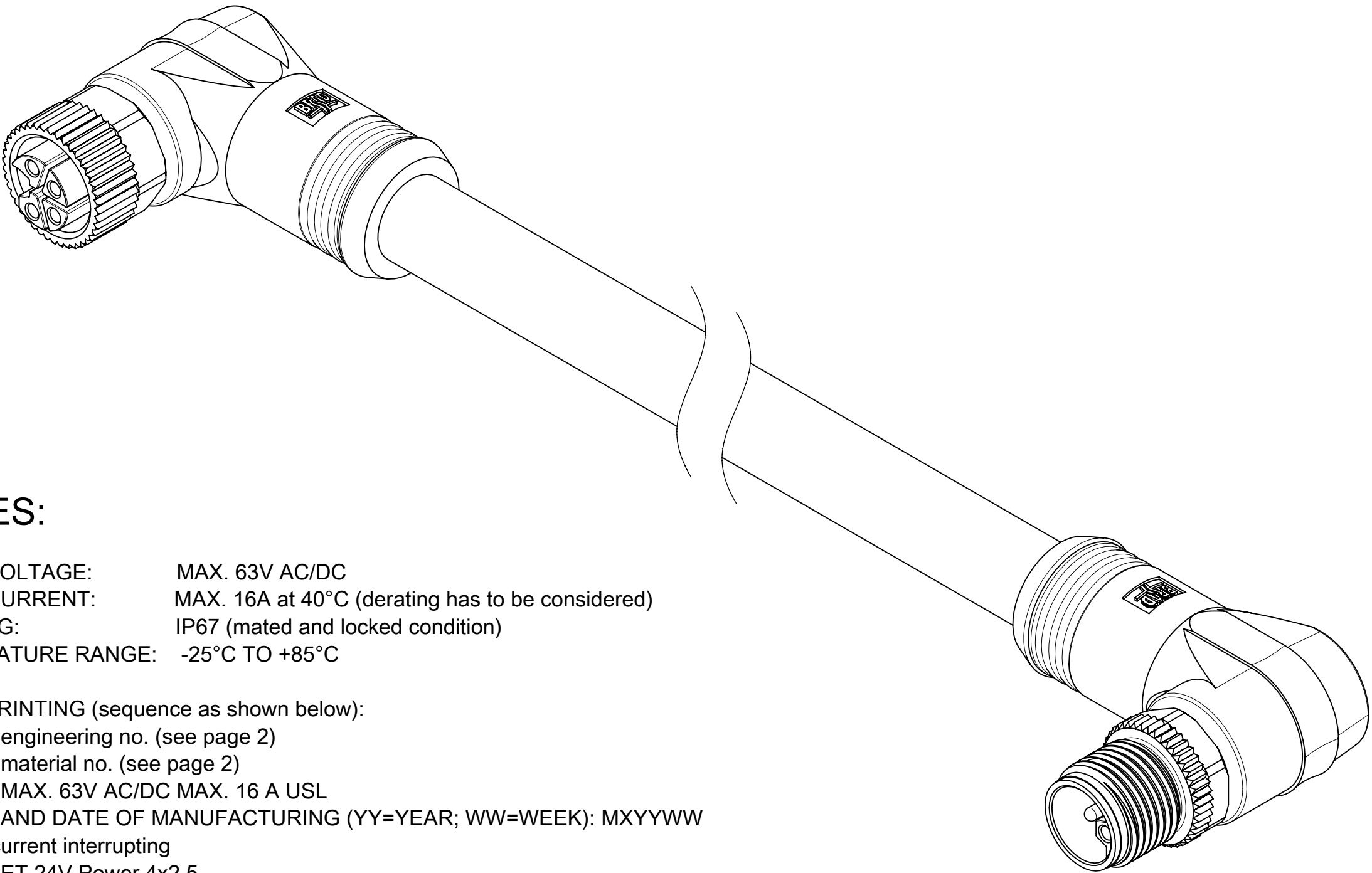
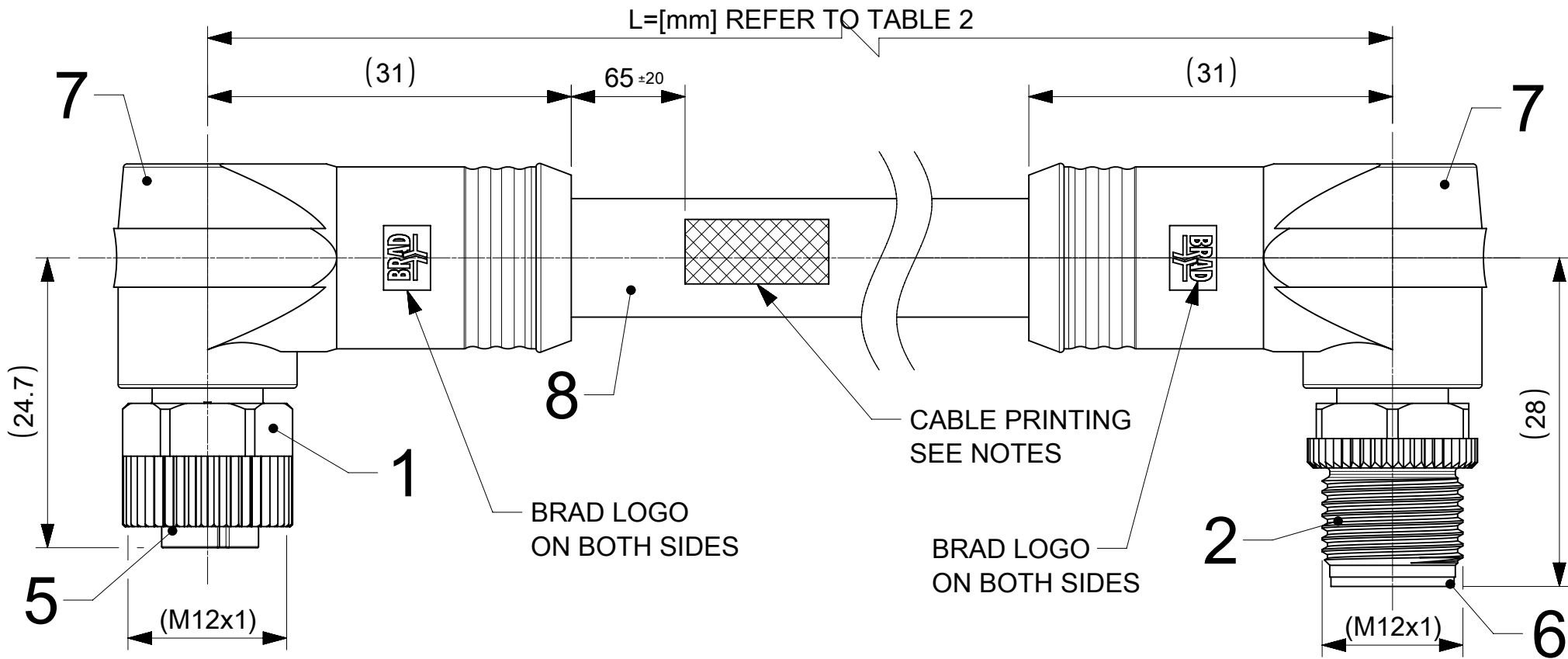
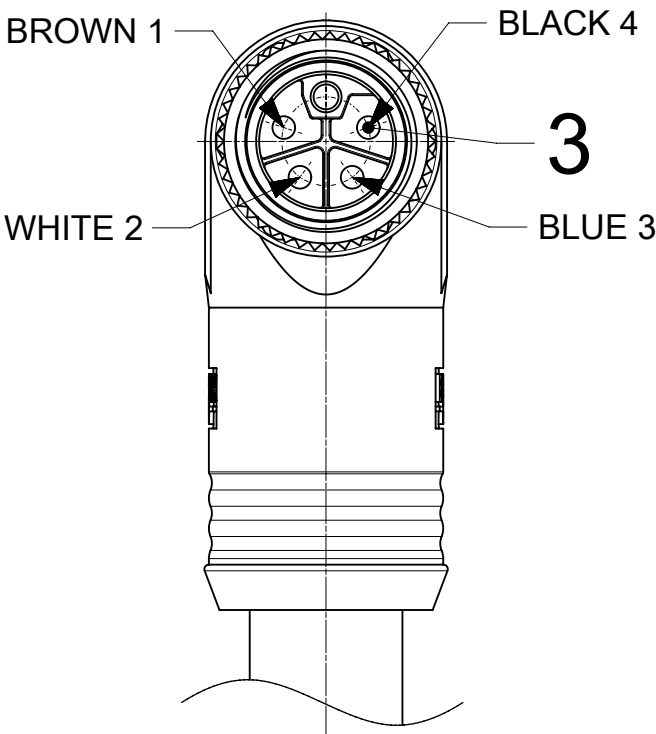


MATING SIDE
FEMALE CONNECTOR



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 = 0 = 0 = 0	DIMENSION UNITS mm		SCALE 2:1		CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR			molex CSE M12 4P LC FE RA MA RA WSOR BK XM					
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 735577 DRWN: NIKHIS3 2023/01/12 CHK'D: RSILLER 2023/01/19 APPR: RSILLER 2023/01/19								
	ANGULAR TOL ± 1.0°												
	4 PLACES ±												
DIVISIONAL SYMBOLS	3 PLACES ±				INITIAL REVISION: DRWN: FDAFERNER 2020/05/12 APPR: RSILLER 2021/10/05			PRODUCT CUSTOMER DRAWING					
	2 PLACES ± 0.05							DOCUMENT NUMBER 1205010156		DOC TYPE PSD	DOC PART 000	REVISION A1	
	1 PLACE ± 0.3												
	0 PLACES ± 0.5												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							THIRD ANGLE PROJECTION 		DRAWING A2-SIZE		SERIES 120501	
								MATERIAL NUMBER SEE TABLE 2		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2	

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

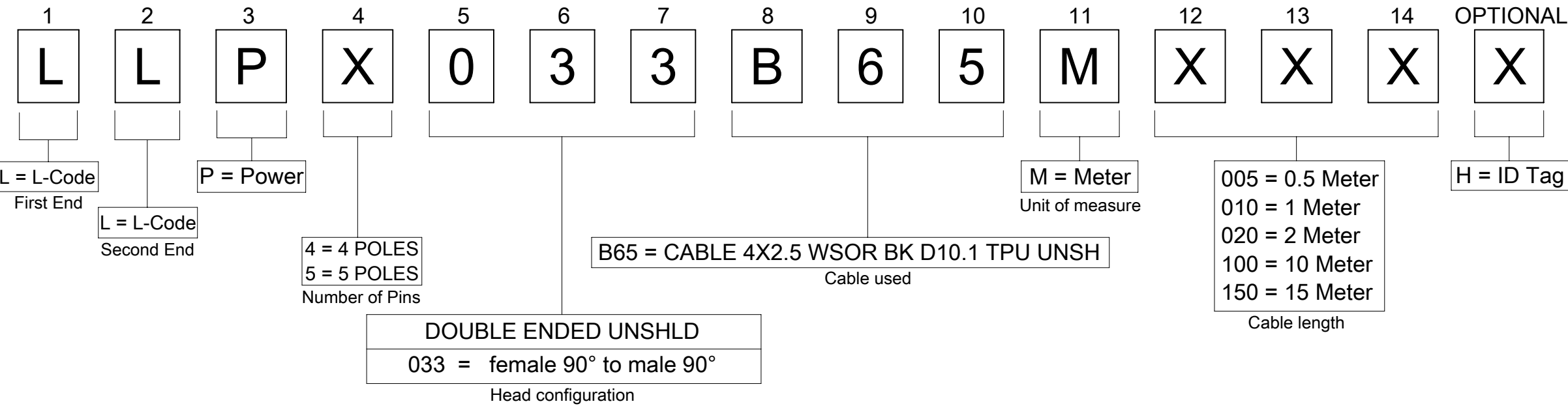


TABLE 2

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

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

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

INITIAL REVISION:

DRWN: FDAFERNER

APPR: RSILLER

2020/05/12

2021/10/05

DOCUMENT NUMBER

1205010156

DOC TYPE

PSD

DOC PART

000

REVISION

A1

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

120501

MATERIAL NUMBER

SEE TABLE 2

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2

10

9

8

7

6

5

4

3

2

1