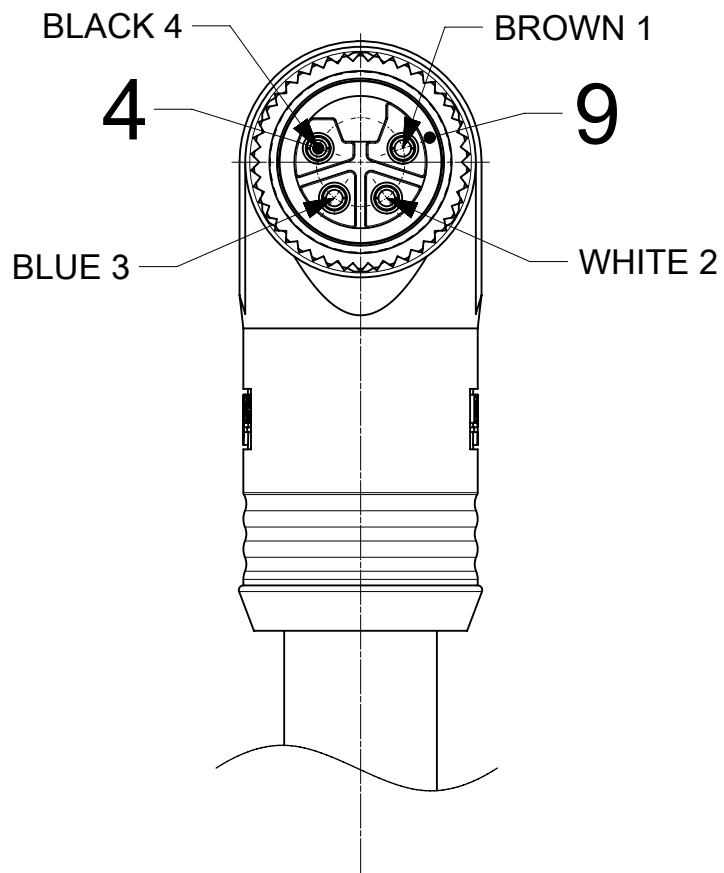
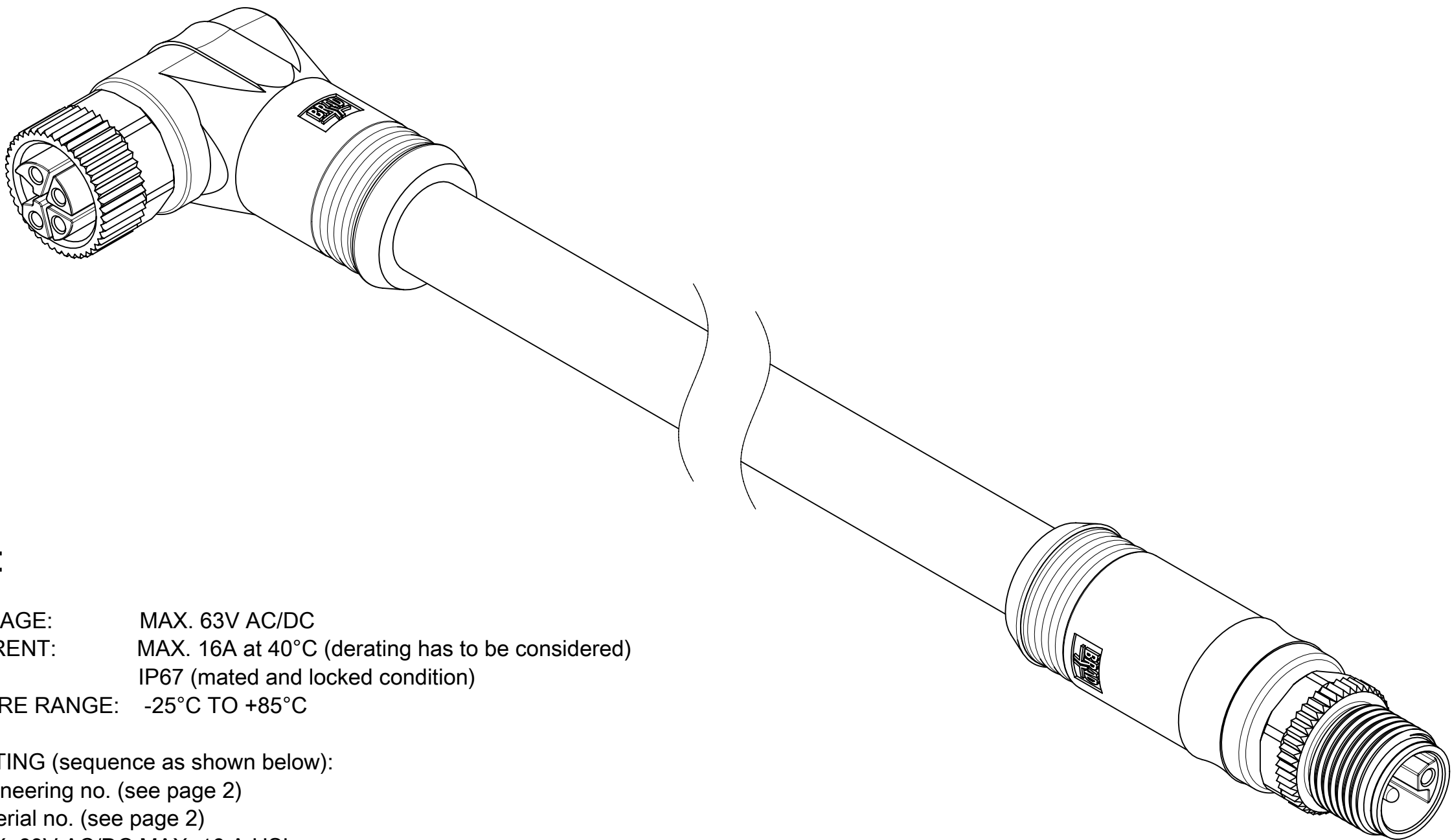
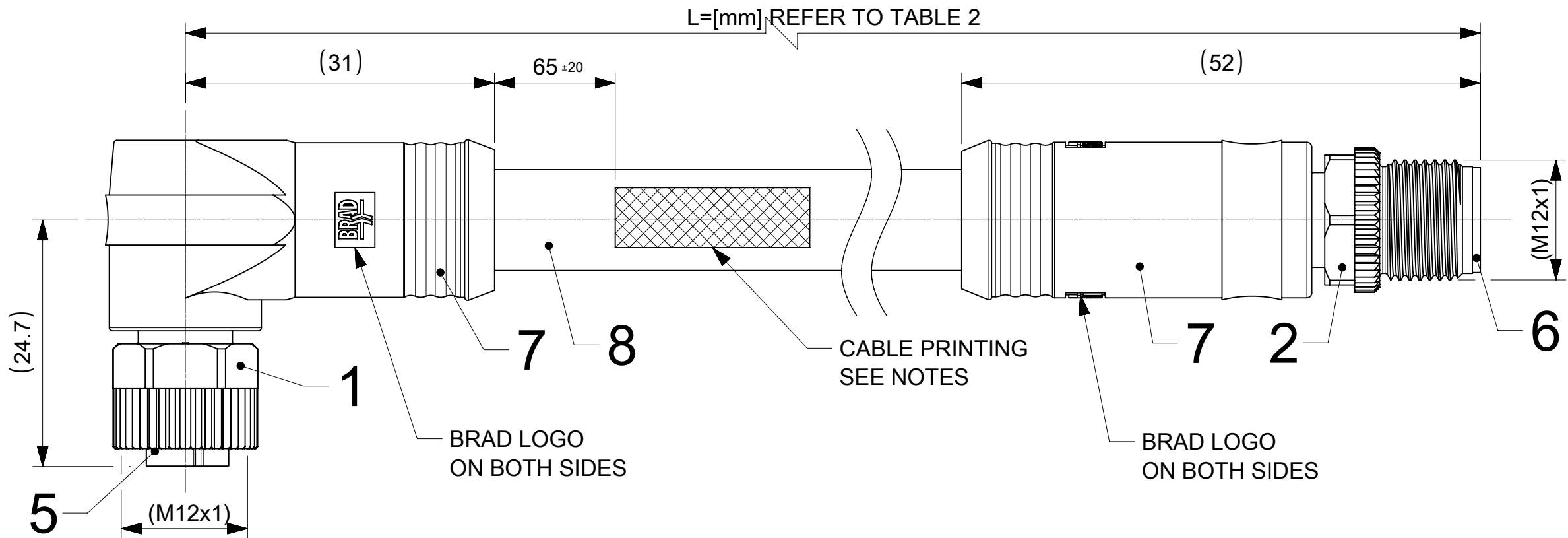
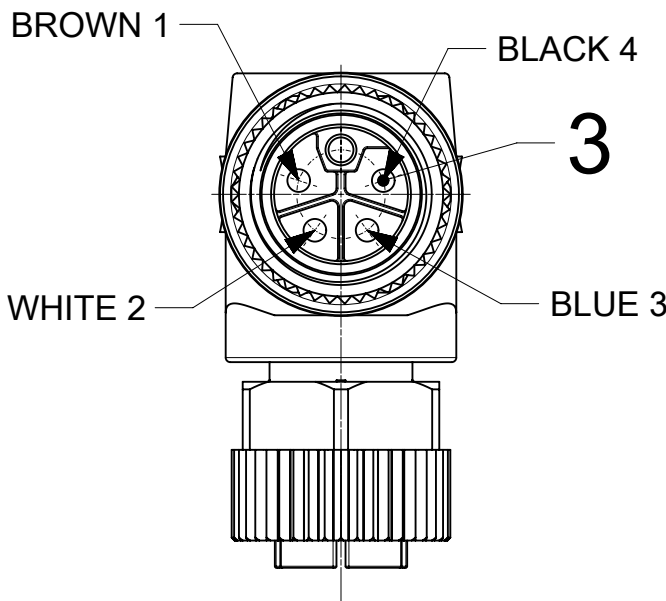


MATING SIDE
FEMALE CONNECTOR



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 $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$ DIVISIONAL SYMBOLS	DIMENSION UNITS mm		SCALE 2:1		CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR		molex CSE M12 4P LC FE RA MA STR 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 ±										
3 PLACES ±											
DIVISIONAL SYMBOLS	2 PLACES ± 0.05		INITIAL REVISION: DRWN: FDAFERNER 2020/05/11 APPR: RSILLER 2021/10/05			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	1 PLACE ± 0.3					1205010140		PSD	000	A2	
	0 PLACES ± 0.5										
	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	11:13:45
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ENGINEERING NO - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

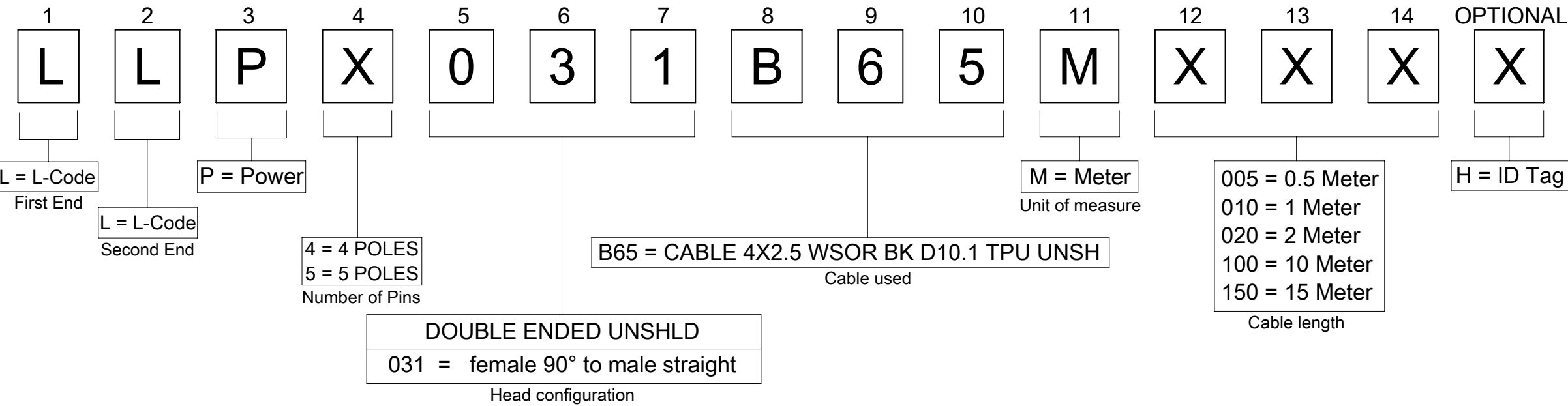


TABLE 2

NOMINAL SECTION 2,5mm²			
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]
1205010140	LLP4031B65M005	500	+40
1205010141	LLP4031B65M010	1000	+40
1205010142	LLP4031B65M020	2000	+60
1205010143	LLP4031B65M030	3000	+60
1205010144	LLP4031B65M050	5000	+60
1205010145	LLP4031B65M100	10000	+80
1205010146	LLP4031B65M150	15000	+140
1205010147	LLP4031B65M200	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

INITIAL REVISION:

DRWN: FDAFERNER

APPR: RSILLER

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

2023/01/12

2023/01/19

2023/01/19

2020/05/11

2021/10/05

A3-SIZE

120501

SEE TABLE 2

GENERAL MARKET

2 OF 2

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1205010140

DOC TYPE

PSD

DOC PART

000

REVISION

A2