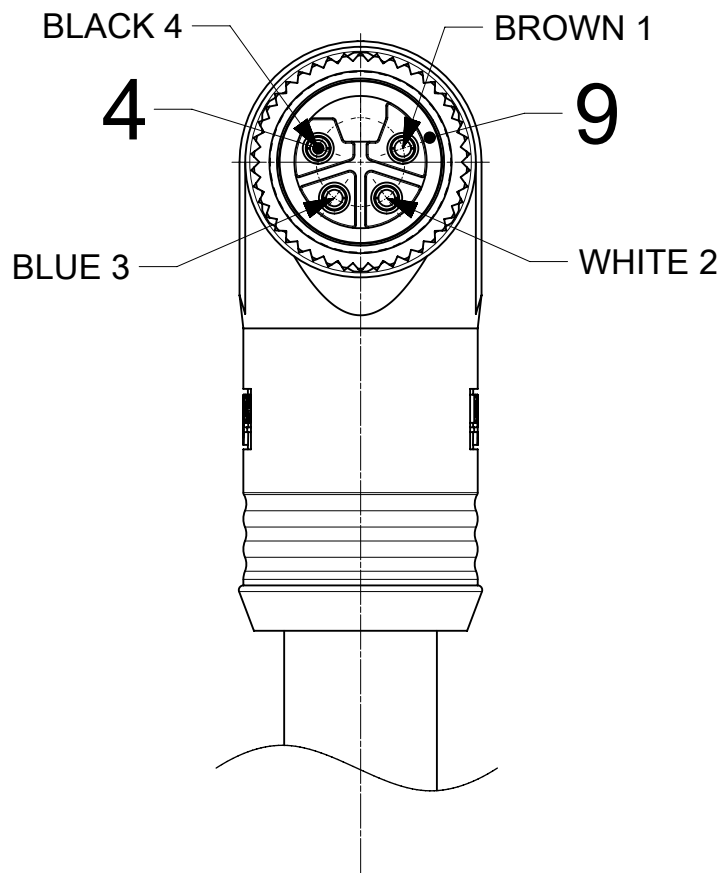
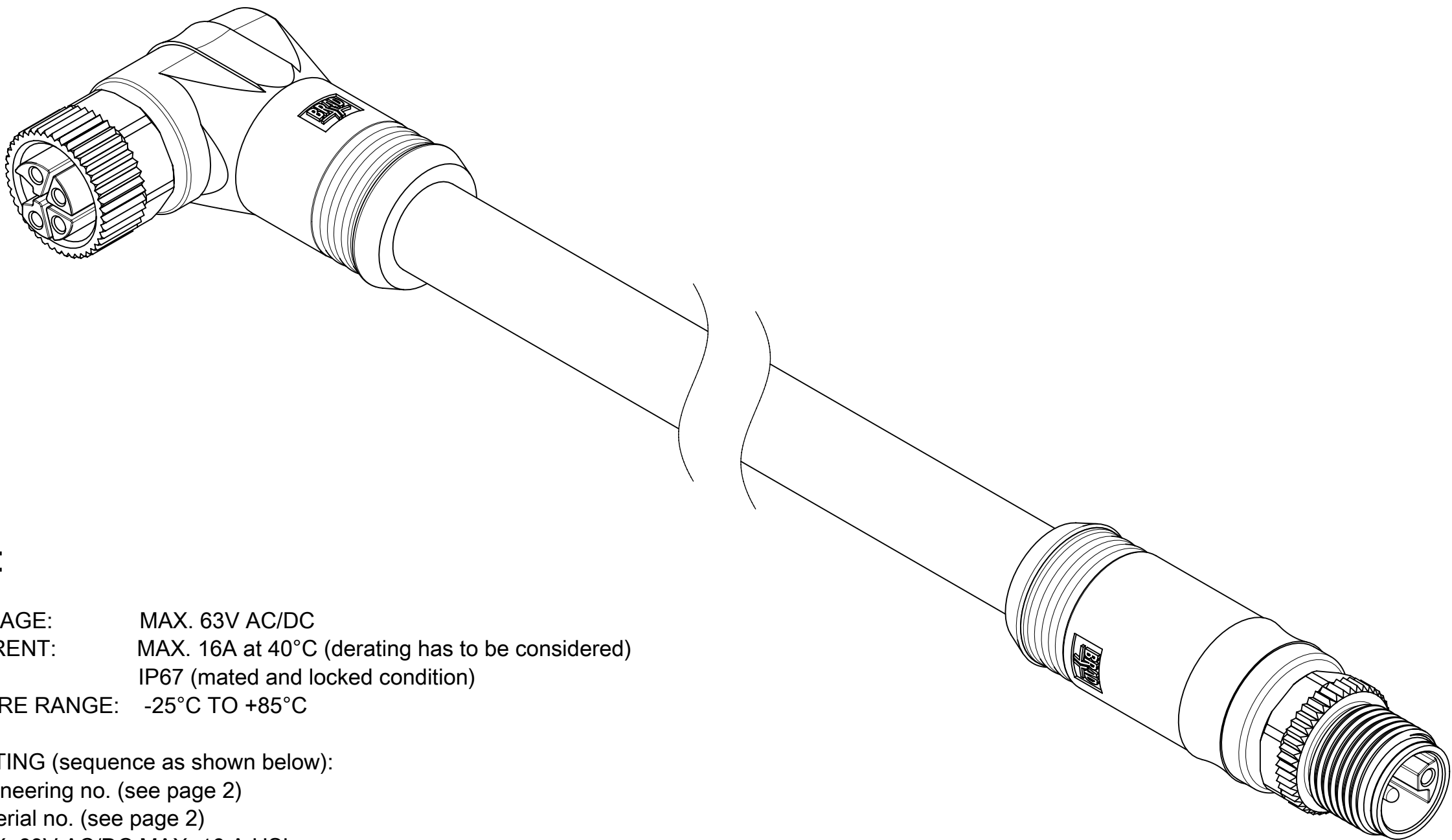
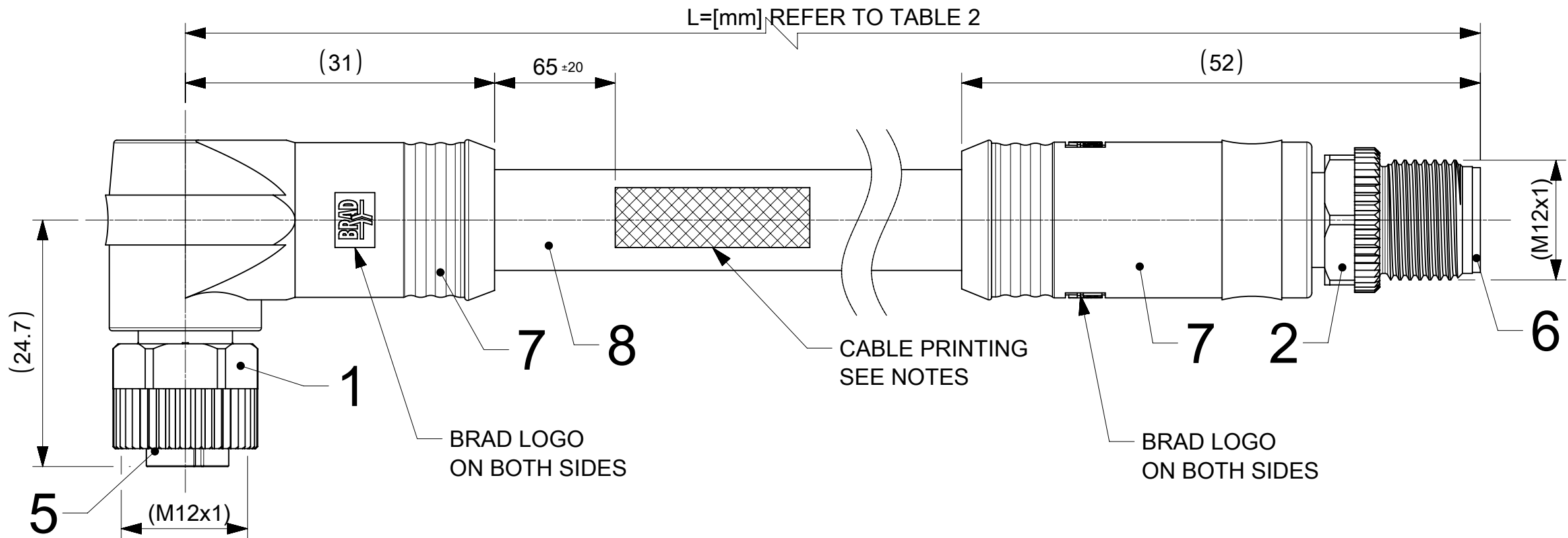
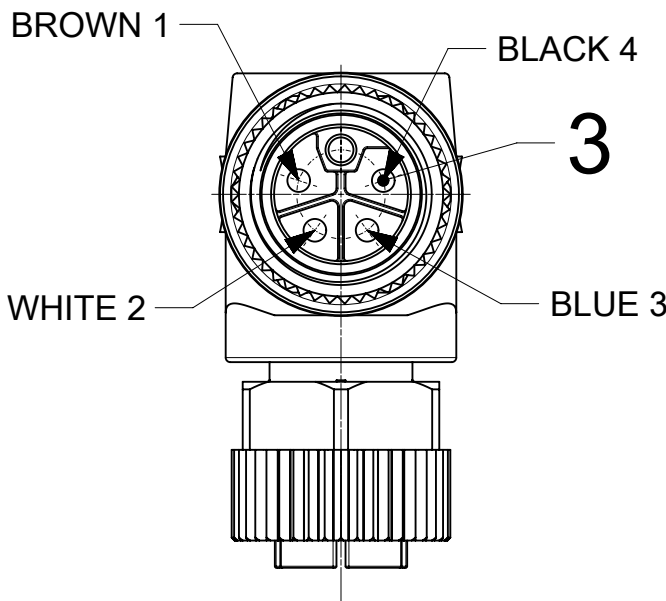


MATING SIDE
FEMALE CONNECTOR



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 $\frac{F}{A} = 0$ $\frac{F}{E} = 0$ $\frac{F}{P} = 0$	DIMENSION UNITS mm		SCALE 2:1		CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR		molex CSE M12 4P LC FE RA MA STR WSOR BK XM			
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL ± 1.0°				EC NO: 735577 DRWN: NIKHIS3 2023/01/12 CHK'D: RSILLER 2023/01/19 APPR: RSILLER 2023/01/19		PRODUCT CUSTOMER DRAWING			
	4 PLACES ±									
3 PLACES ±		DOCUMENT NUMBER 1205010140					DOC TYPE PSD	DOC PART 000	REVISION A2	
2 PLACES ± 0.05										
1 PLACE ± 0.3										
DIVISIONAL SYMBOLS	0 PLACES ± 0.5		INITIAL REVISION: DRWN: FDAFERNER 2020/05/11 APPR: RSILLER 2021/10/05							
	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

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).

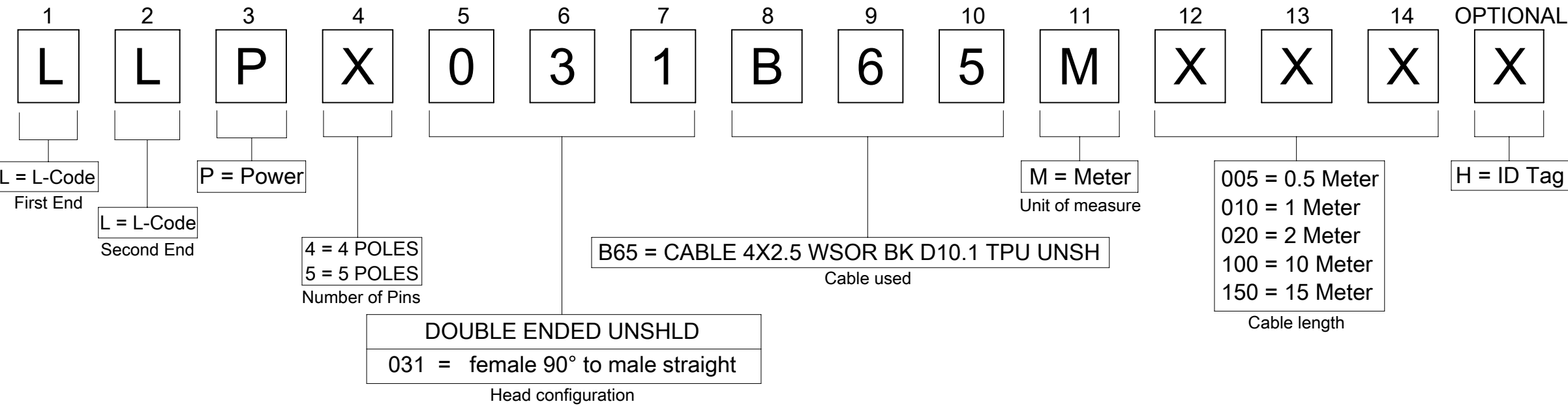


TABLE 2

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

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19	11:13:45
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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		molex CSE M12 4P LC FE RA MA STR WSOR BK XM								
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	ANGULAR TOL ± 1.0 °												
	4 PLACES ±		EC NO: 735577								2023/01/12		
	3 PLACES ±		DRWN: NIKHIS3		2023/01/19								
	2 PLACES ± 0.05		CHK'D: RSILLER		2023/01/19								
	1 PLACE ± 0.3		APPR: RSILLER		2023/01/19								
	0 PLACES ± 0.5		INITIAL REVISION:		2020/05/11								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: FDAFERNER		2021/10/05									
APPR: RSILLER													
THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
		A3-SIZE		120501		1205010140		PSD		000		A2	
						MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
						SEE TABLE 2		GENERAL MARKET				2 OF 2	