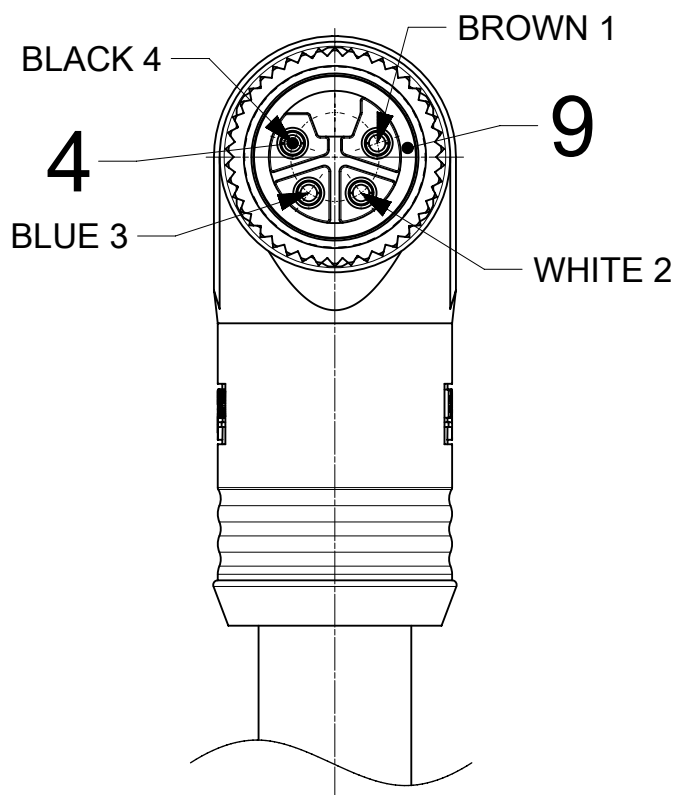
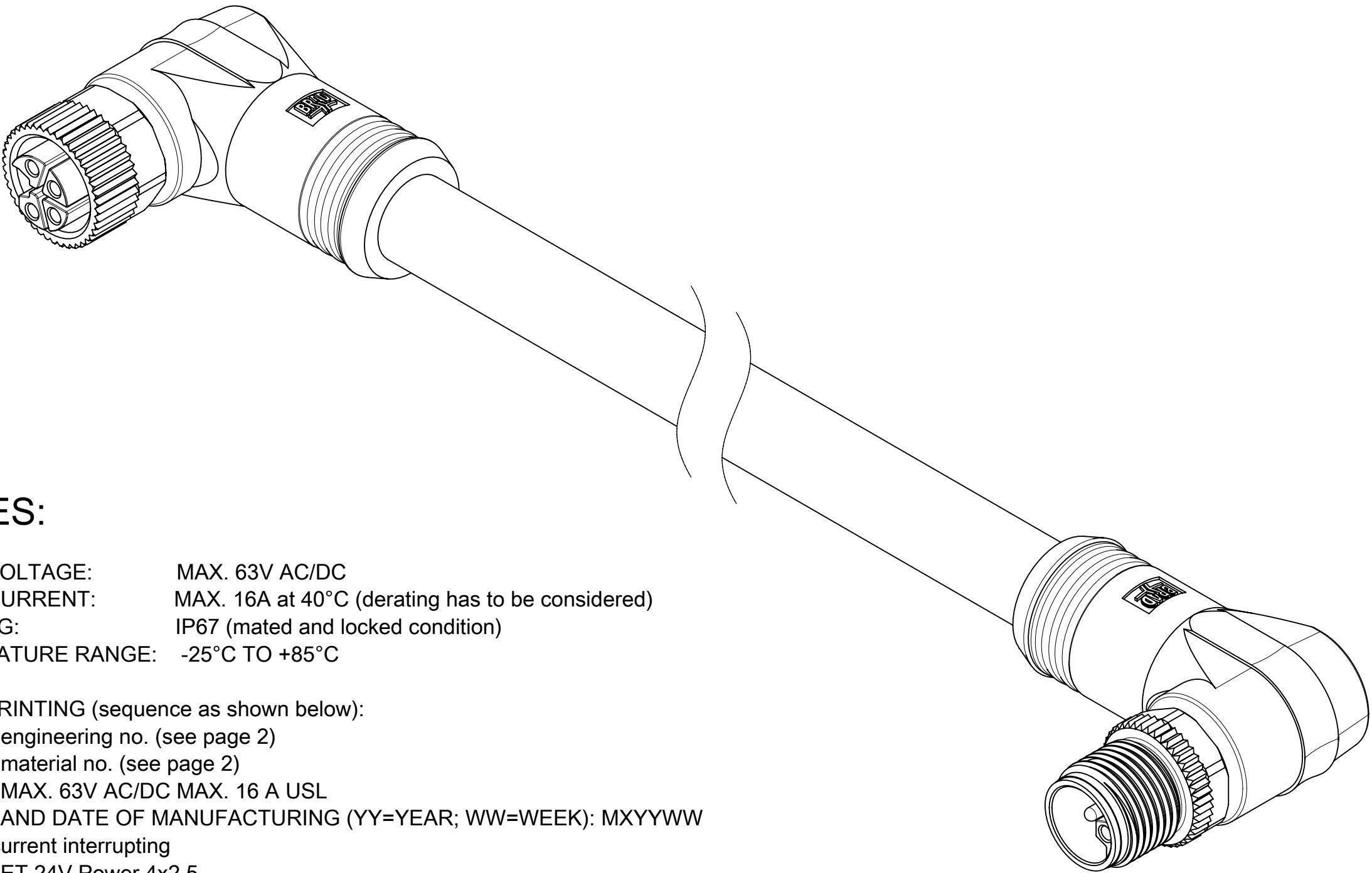
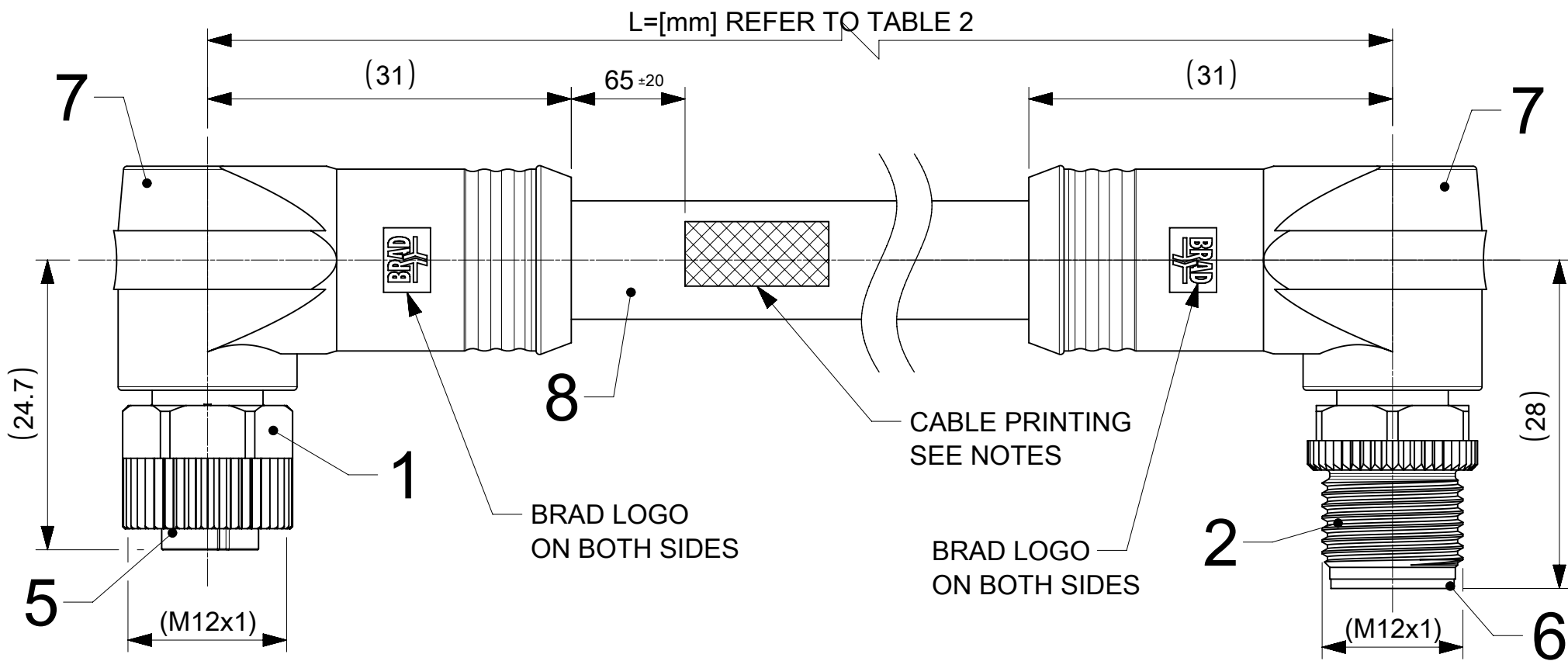
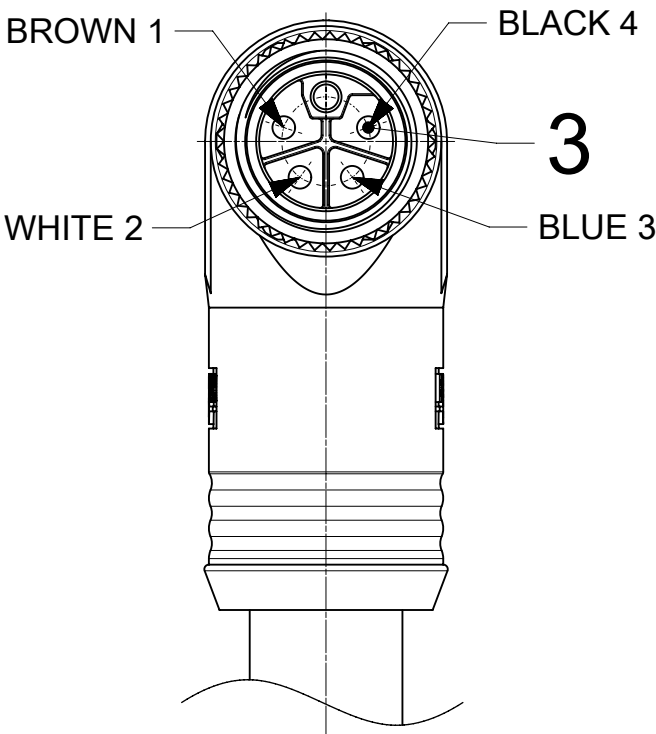


MATING SIDE
FEMALE CONNECTOR



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 FA=0 FC=0 FP=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)										
	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 ±										
DIVISIONAL SYMBOLS	3 PLACES ±		INITIAL REVISION: DRWN: FDAFERNER 2020/05/12 APPR: RSILLER 2021/10/05				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	2 PLACES ± 0.05						1205010156		PSD	000	A1
	1 PLACE ± 0.3										
	0 PLACES ± 0.5										
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER
				A2-SIZE	120501	SEE TABLE 2		GENERAL MARKET	1 OF 2		

molex

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

PRODUCT CUSTOMER DRAWING

1205010156

PSD 000 A1

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).

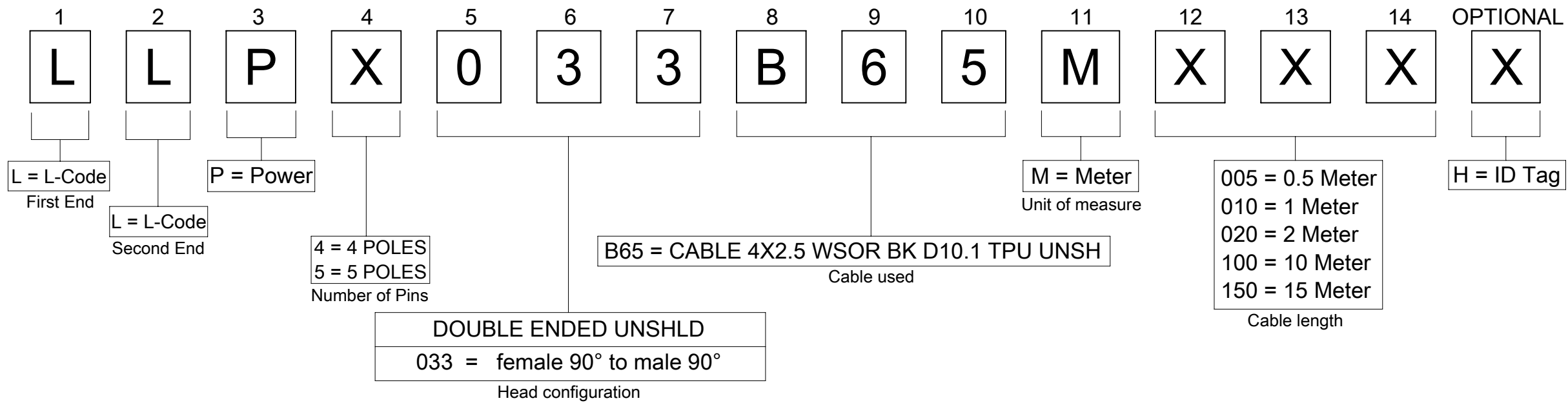


TABLE 2

NOMINAL SECTION 2,5mm ²			
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	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					molex CSE M12 4P LC FE RA MA RA WSOR BK XM						
	mm		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
	ANGULAR TOL ± 1.0°									PRODUCT CUSTOMER DRAWING						
	4 PLACES ±															
	3 PLACES ±				EC NO: 735577 DRWN: NIKHIS3 2023/01/12 CHK'D: RSILLER 2023/01/19 APPR: RSILLER 2023/01/19					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
	2 PLACES ± 0.05									INITIAL REVISION: DRWN: FDAFERNER 2020/05/12 APPR: RSILLER 2021/10/05				1205010156		PSD
	1 PLACE ± 0.3															
	0 PLACES ± 0.5															
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							A3-SIZE		120501		SEE TABLE 2		GENERAL MARKET		2 OF 2	