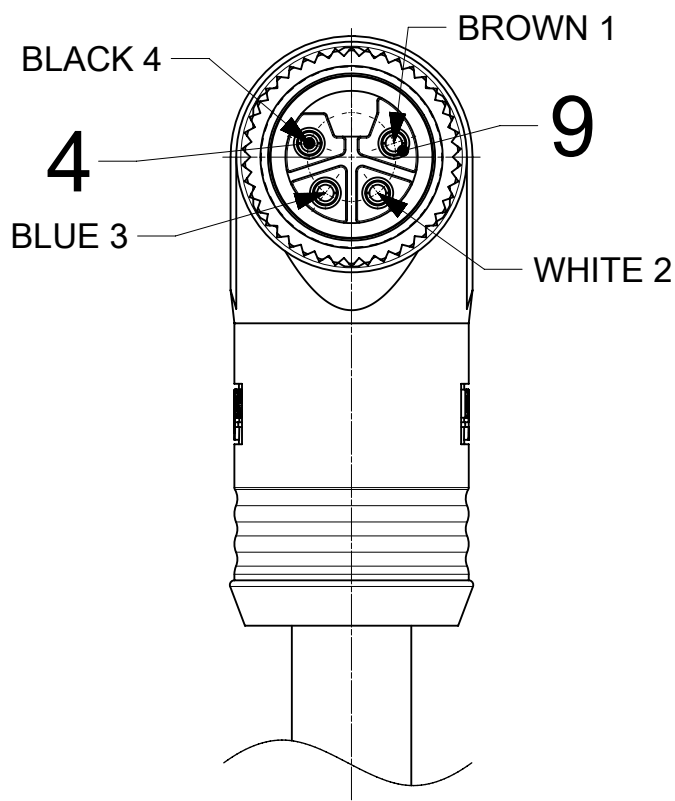
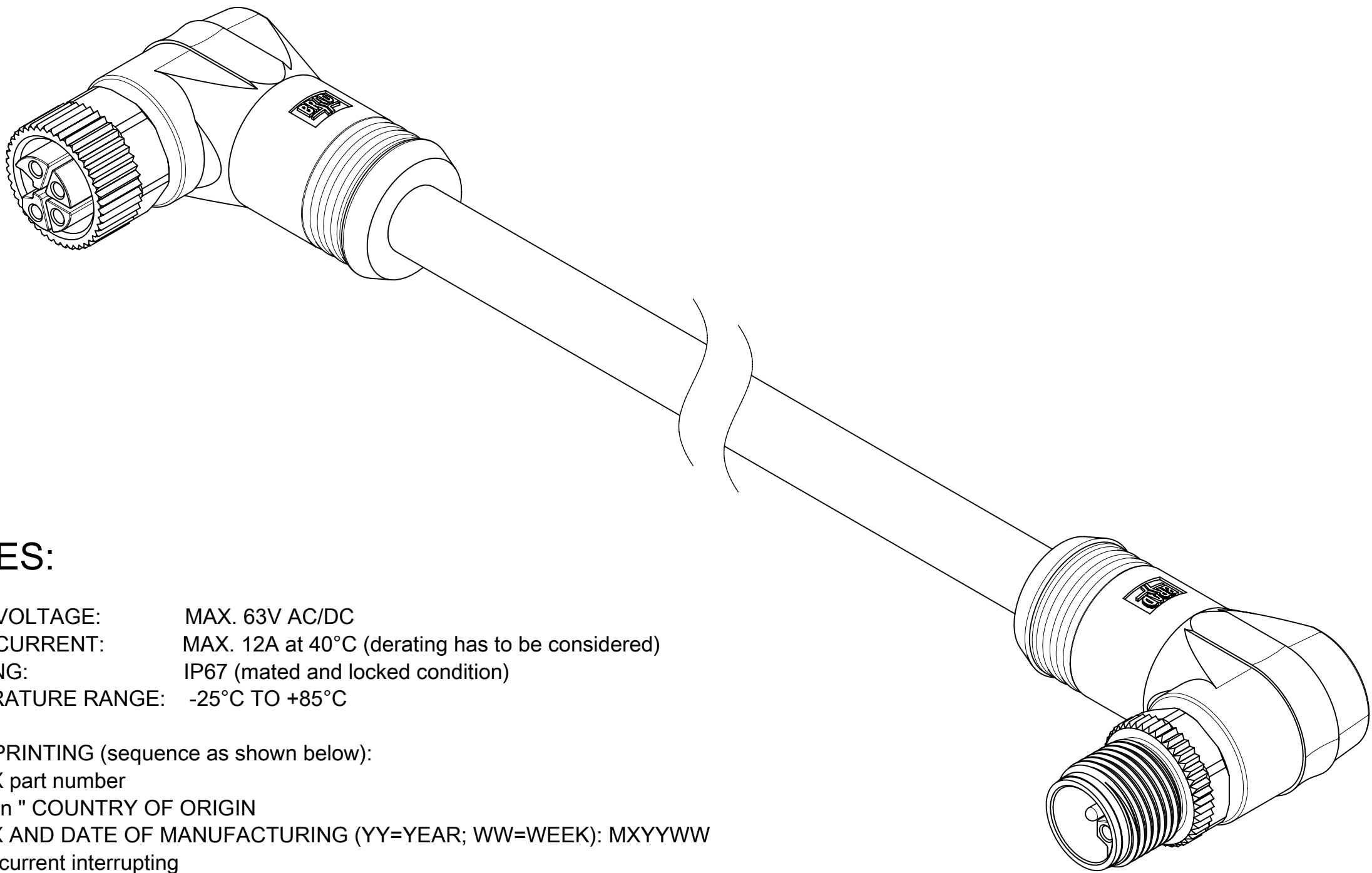
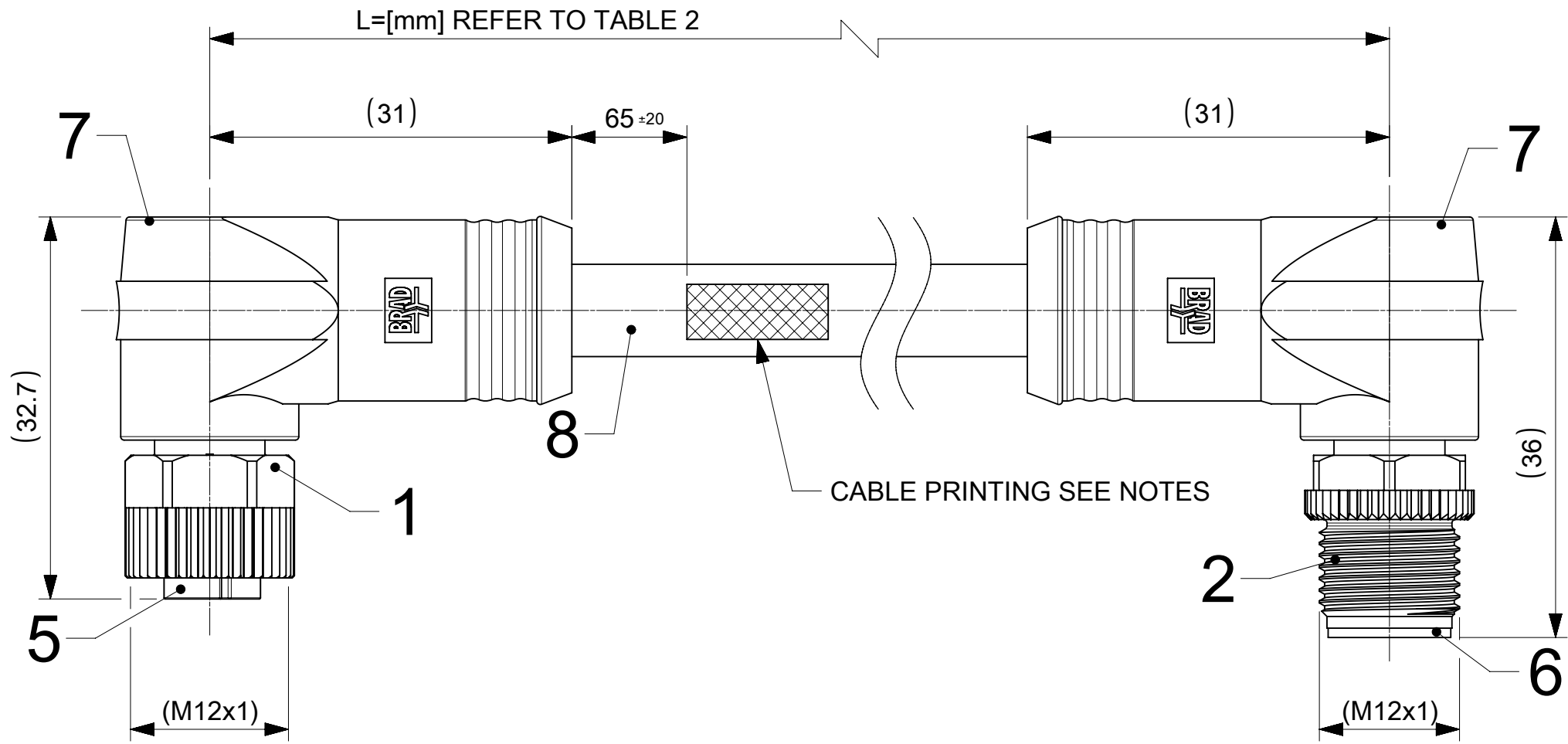
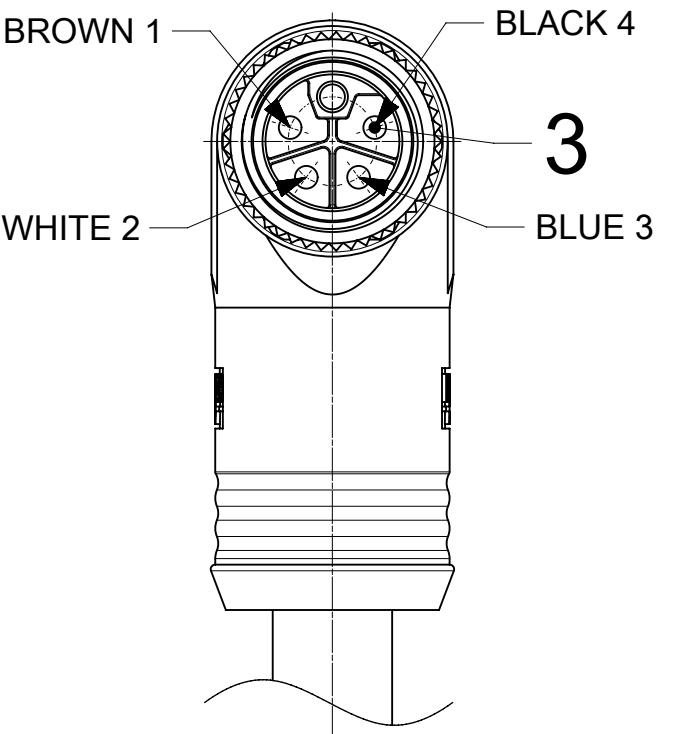


MATING SIDE
FEMALE CONNECTOR



MATING SIDE
MALE CONNECTOR



NOTES:

- RATED VOLTAGE: MAX. 63V AC/DC
RATED CURRENT: MAX. 12A 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 part number
 - "Made in " COUNTRY OF ORIGIN
 - MOLEX AND DATE OF MANUFACTURING (YY=YEAR; WW=WEEK): MXYYYWW
 - Not for current interrupting

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 4x1.5 D7.9 WSOR	PUR	BLACK
9	GASKET OR 8.2X1.25	FKM	BLACK
OPTIONAL 10	ID CARRIER	-	-

FUNCTIONAL SYMBOLS $\frac{E}{A}=0$ $\frac{E}{C}=0$ $\frac{E}{P}=0$ 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	2:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL	± 1.0 °								
	4 PLACES	±								
DIVISIONAL SYMBOLS	3 PLACES	±	EC NO: 735577		2023/01/11					
	2 PLACES	± 0.05	DRWN: MARUTD		2023/01/19					
	1 PLACE	± 0.3	CHK'D: RSILLER		2023/01/19					
	0 PLACES	± 0.5	APPR: RSILLER		2023/01/19					
	INITIAL REVISION:		2020/08/20		2022/12/05					
	DRWN: FDAFERNER		2020/08/20		2022/12/05					
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			

moLEX

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
1205010256
DOC TYPE
PSD
DOC PART
000
REVISION
A1

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19	11:13:54
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ENGINEERING NO - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

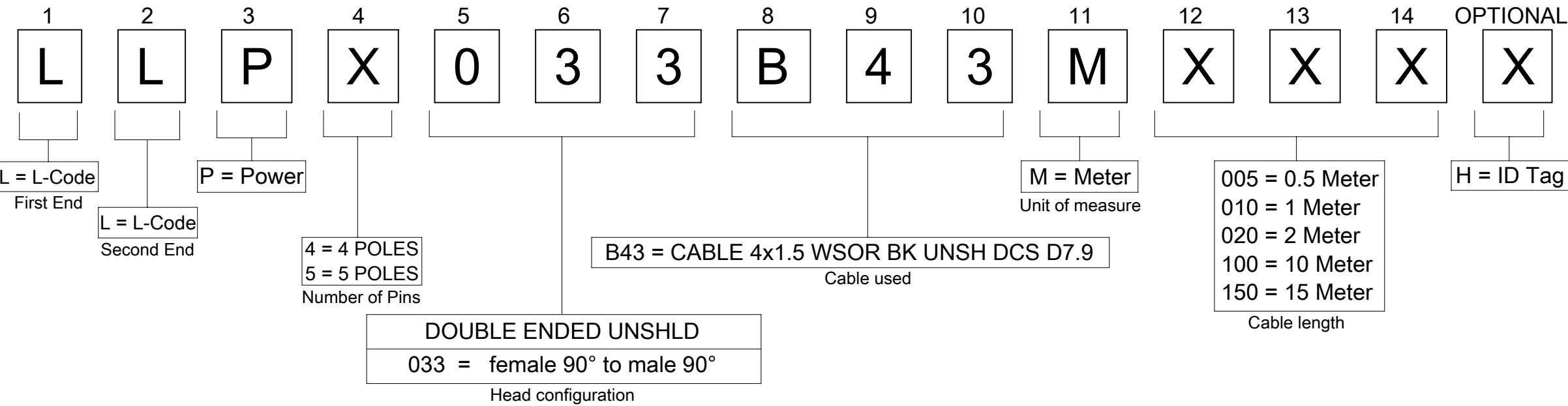


TABLE 2

NOMINAL SECTION 1,5mm²				
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]	
1205010256	LLP4033B43M005	500	+40	
1205010257	LLP4033B43M010	1000	+40	
1205010258	LLP4033B43M020	2000	+60	
1205010259	LLP4033B43M030	3000	+60	
1205010260	LLP4033B43M050	5000	+60	
1205010261	LLP4033B43M100	10000	+80	
1205010262	LLP4033B43M150	15000	+140	
1205010263	LLP4033B43M200	20000	+140	
DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19	11:13:54

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

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

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

EC NO: 735577

DRWN: MARUTD

CHK'D: RSILLER

APPR: RSILLER

INITIAL REVISION:

DRWN: FDAFERNER

APPR: RSILLER

2023/01/11

2023/01/19

2023/01/19

2020/08/20

2022/12/05

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

1205010256

PSD

000

A1

A3-SIZE

120501

SEE TABLE 2

GENERAL MARKET

2 OF 2