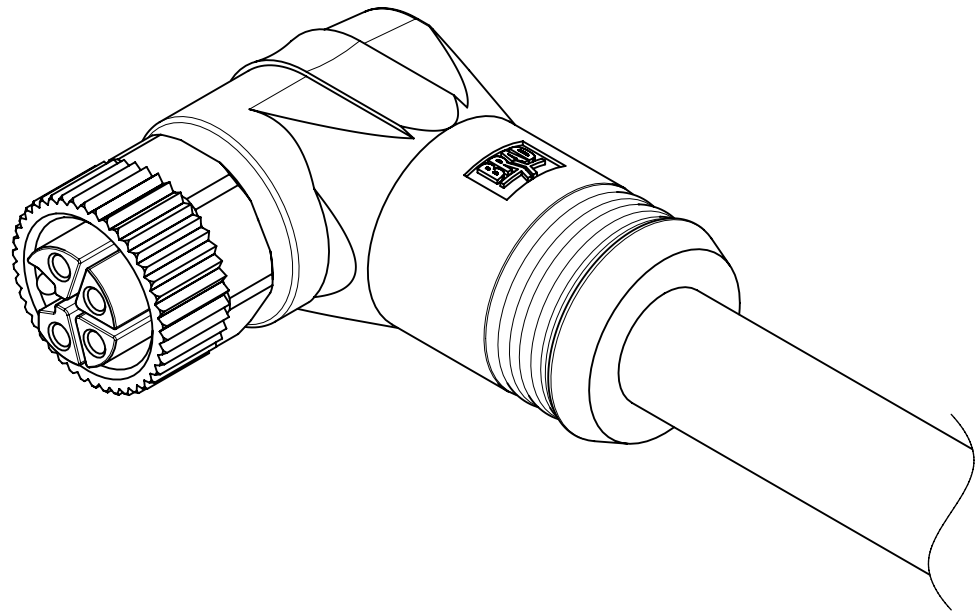




NOTES:

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): MXYWW
- Not for current interrupting

PART ACCORDING PRODUCT SPEC: 1205010169
PACKAGING ACCORDING PACKAGING SPEC: 1201202000

DOCUMENT STATUS | P1 | RELEASE DATE | 2023/01/19 | 11:13:33

L=[mm] REFER TO TABLE 2

65 ±20

(31)

5

6

CABLE PRINTING SEE NOTES

1

4

(M12x1)

(32.7)

MATING SIDE

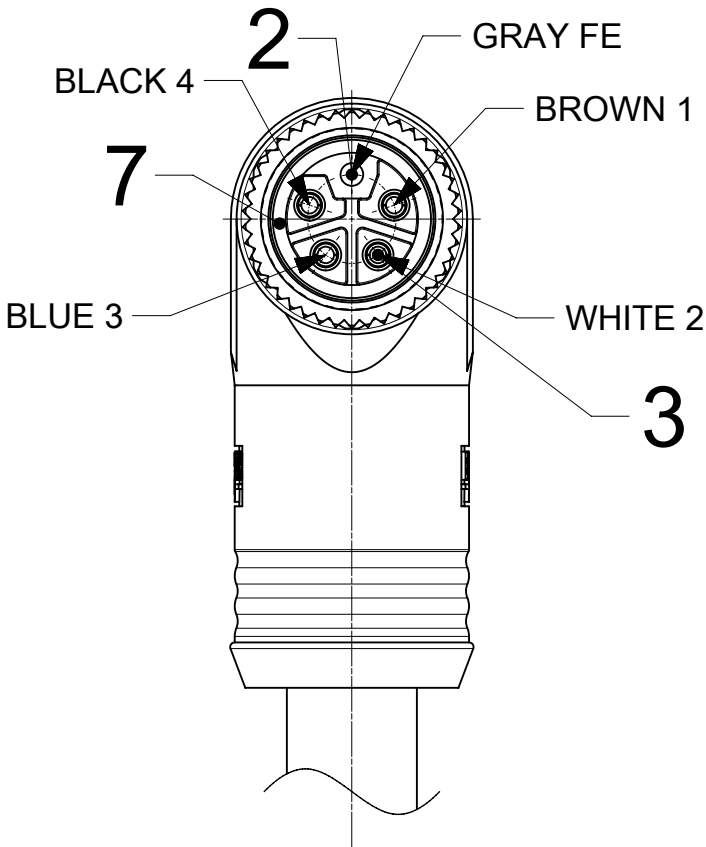


TABLE 1

POS	DESCRIPTION	MATERIAL	FINISH
1	NUT M12 FE	BRASS	Ni
2	CONTACT 15 MA	BRASS	Au
3	CONTACT 15 FE	BRASS	Au
4	INSERT	PA	GREY
5	OVERMOLD	TPE	BLACK
6	CABLE 5x1.5 D8.6 WSOR	PUR	GREY
7	GASKET OR 8.2X1.25	FKM	BLACK
OPTIONAL 8	ID CARRIER	-	-

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										
	mm		2:1															
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							CSE M12 5P LC FE RA WSOR GY XM UNSH 1.5										
= 0	ANGULAR TOL ± 1.0 °																	
= 0	4 PLACES		±		EC NO: 735577 DRWN: NIKHIS3 2023/01/12 CHK'D: RSILLER 2023/01/19 APPR: RSILLER 2023/01/19													
DIVISIONAL SYMBOLS	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		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
							A3-SIZE		120500		1205000307		PSD		000		A1	
											MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
											SEE TABLE 2		GENERAL MARKET				1 OF 2	

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

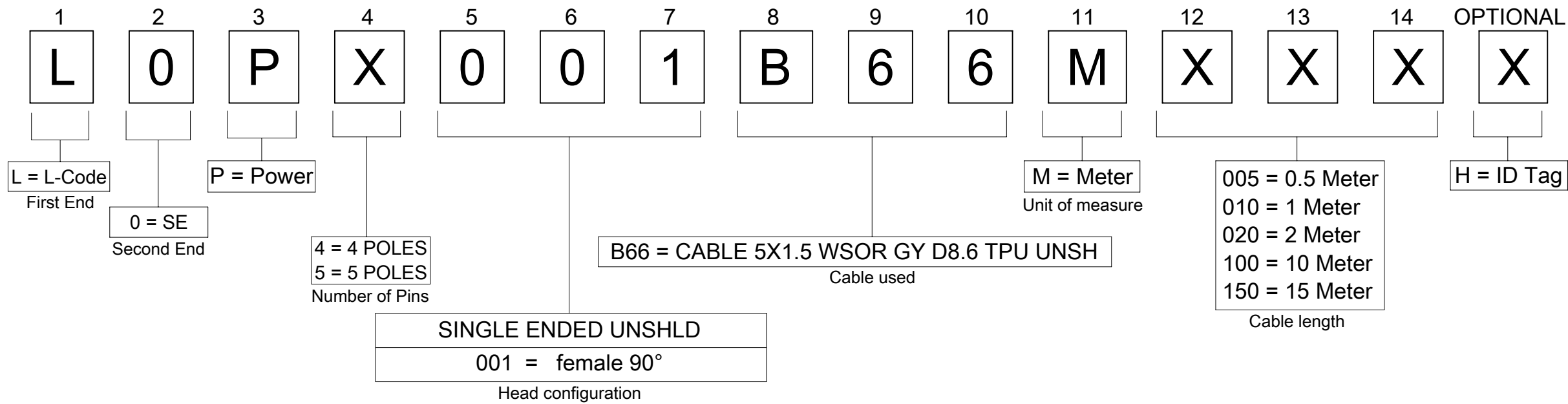


TABLE 2

NOMINAL SECTION 1,5mm²			
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]
1205000307	L0P5001B66M010	1000	+40
1205000308	L0P5001B66M020	2000	+60
1205000309	L0P5001B66M030	3000	+60
1205000310	L0P5001B66M050	5000	+60
1205000311	L0P5001B66M100	10000	+80
1205000312	L0P5001B66M150	15000	+140
1205000313	L0P5001B66M200	20000	+140

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19	11:13:33
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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								
	mm		1:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL ± 1.0°																
	4 PLACES		±		EC NO: 735577 DRWN: NIKHIS3 2023/01/12 CHK'D: RSILLER 2023/01/19 APPR: RSILLER 2023/01/19				CSE M12 5P LC FE RA WSOR GY XM UNSH 1.5								
	3 PLACES		±														
	2 PLACES		± 0.05														
	1 PLACE		± 0.3														
	0 PLACES		± 0.5		INITIAL REVISION: DRWN: FDAFERNER 2020/08/18 APPR: RSILLER 2022/12/05				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING					SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		

1205000307		PSD	000	A1
SEE TABLE 2		GENERAL MARKET		2 OF 2