

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 + FE

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	GREY
6	INSERT MALE	PA	GREY
7	OVERMOLD	TPE	BLACK
8	CABLE 5x2.5 D11.3 WSOR	PUR	GREY
9	GASKET OR 8.2X1.25	FKM	BLACK
OPTIONAL 10	ID_CARRIER	-	-

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	DIMENSION UNITS: mm SCALE: 2:1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 1.0^\circ$	CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR						
	4 PLACES \pm 3 PLACES \pm 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5	EC NO: 735577 DRWN: MARUTD 2023/01/12 CHK'D: RSILLER 2023/01/19 APPR: RSILLER 2023/01/19						
	DIVISIONAL SYMBOLS	INITIAL REVISION: DRWN: FDAFERNER 2020/02/10 APPR: RSILLER 2021/03/15						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: A2-SIZE	SERIES: 120501	DOCUMENT NUMBER: 1205010116	DOC TYPE: PSD	DOC PART: 000	REVISION: A1
MATERIAL NUMBER: SEE TABLE 2			CUSTOMER: GENERAL MARKET		SHEET NUMBER: 1 OF 2			

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

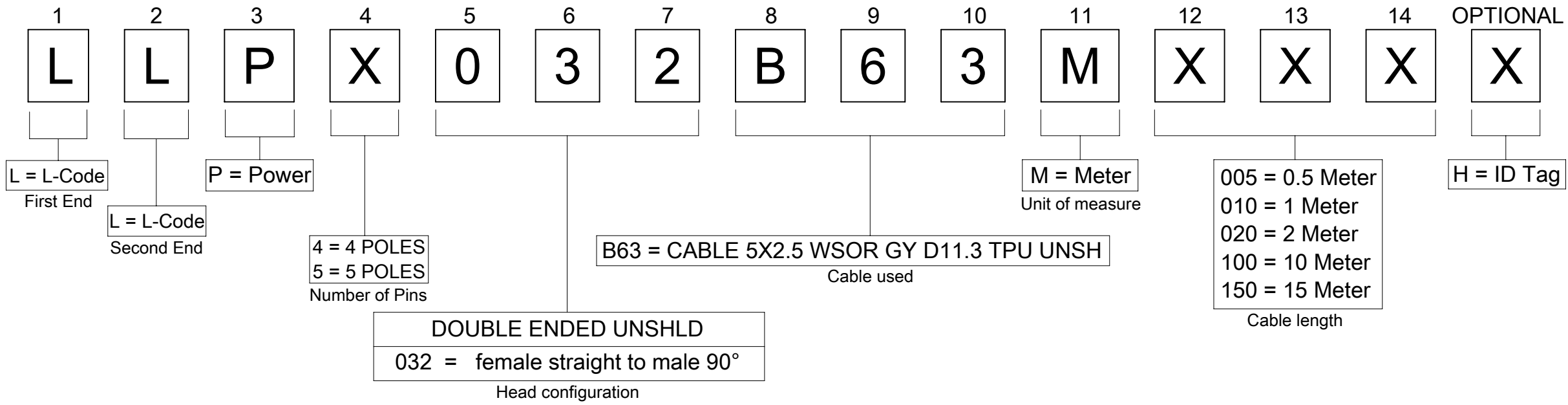


TABLE 2

NOMINAL SECTION 2,5mm ²			
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]
1205010116	LLP5032B63M005	500	+40
1205010117	LLP5032B63M010	1000	+40
1205010118	LLP5032B63M020	2000	+60
1205010119	LLP5032B63M030	3000	+60
1205010120	LLP5032B63M050	5000	+60
1205010121	LLP5032B63M100	10000	+80
1205010122	LLP5032B63M150	15000	+140
1205010123	LLP5032B63M200	20000	+140

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19	11:13:42
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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					
	<table border="1"> <tr> <th>DIMENSION UNITS</th> <th>SCALE</th> </tr> <tr> <td>mm</td> <td>1:1</td> </tr> </table>	DIMENSION UNITS	SCALE	mm	1:1	CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR
DIMENSION UNITS	SCALE					
mm	1:1					
DIVISIONAL SYMBOLS	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			
			A3-SIZE			
		SERIES	120501			
		MATERIAL NUMBER	SEE TABLE 2			
		CUSTOMER	GENERAL MARKET			
		DOC TYPE	PSD			
		DOC PART	000			
		REVISION	A1			
		SHEET NUMBER	2 OF 2			

molex

CSE M12 5P LC FE STR MA RA WSOR GY XM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 1205010116

DATE: 2023/01/19