

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 FA=0 FC=0 FP=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 ± 1.0°	CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR				
	4 PLACES ±		3 PLACES ±	EC NO: 735577		2023/01/12		
	2 PLACES ± 0.05		1 PLACE ± 0.3	DRWN: MARUTD		2023/01/19		
DIVISIONAL SYMBOLS	0 PLACES ± 0.5		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING SERIES: A2-SIZE 120501	
	INITIAL REVISION: DRWN: FDAFERNER		2020/02/10		MATERIAL NUMBER: 1205010116		CUSTOMER: GENERAL MARKET	
	APPR: RSILLER		2021/03/15		DOC TYPE: PSD		DOC PART: 000	
	SHEET NUMBER: 1 OF 2		REVISION: A1		DOCUMENT NUMBER: 1205010116		DOC PART: 000	



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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 1205010116

DOC TYPE: PSD

DOC PART: 000

REVISION: A1

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

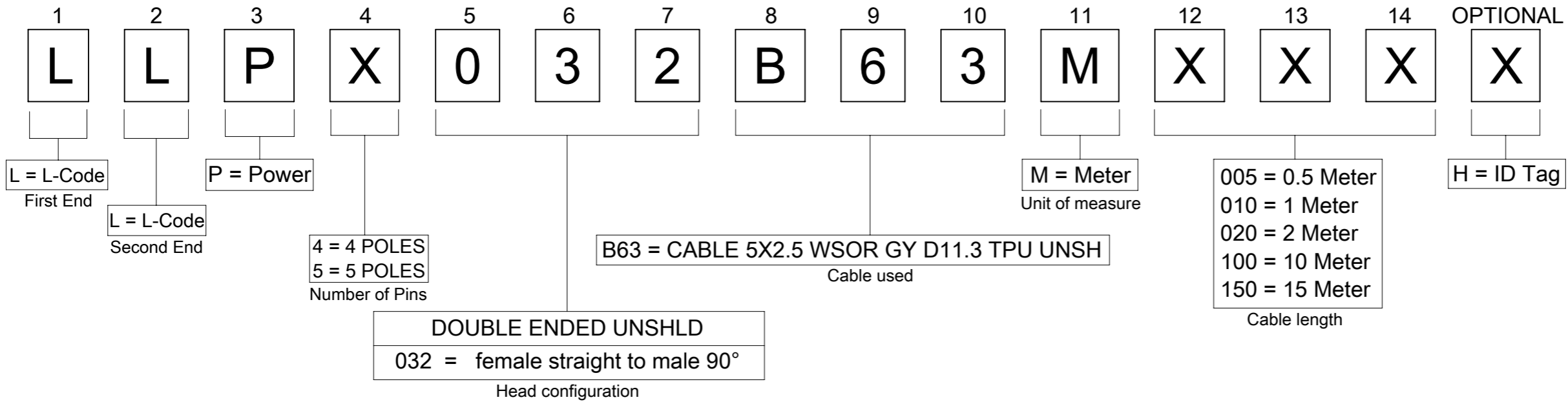


TABLE 2

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			
	$\nabla_A = 0$ $\nabla_B = 0$ $\nabla_C = 0$	DIMENSION UNITS: mm SCALE: 1:1		
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 735577	
	ANGULAR TOL $\pm 1.0^\circ$		DRWN: MARUTD 2023/01/12	
	4 PLACES \pm		CHK'D: RSILLER 2023/01/19	
	3 PLACES \pm		APPR: RSILLER 2023/01/19	
2 PLACES ± 0.05		INITIAL REVISION:		
1 PLACE ± 0.3		DRWN: FDAFERNER 2020/02/10		
0 PLACES ± 0.5		APPR: RSILLER 2021/03/15		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			A3-SIZE	120501
		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		SEE TABLE 2	GENERAL MARKET	2 OF 2