

**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	-	-

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

GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 1.0°

EC NO: 735577  
 DRWN: MARUTD 2023/01/12  
 CHK'D: RSILLER 2023/01/19  
 APPR: RSILLER 2023/01/19

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

**molex**

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

PRODUCT CUSTOMER DRAWING

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

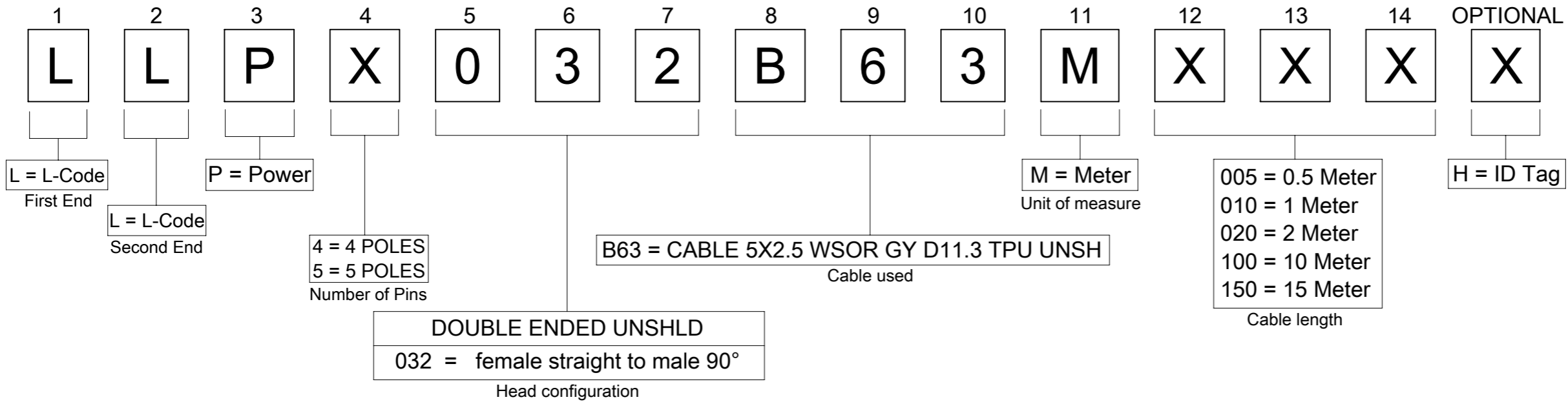


TABLE 2

NOMINAL SECTION 2,5mm <sup>2</sup>			
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

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		<b>molex</b>
	DIMENSION UNITS: <b>mm</b> SCALE: <b>1:1</b>	CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR	
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		CSE M12 5P LC FE STR MA RA WSOR GY XM
	ANGULAR TOL ± 1.0°		
	4 PLACES ±	EC NO: 735577	
	3 PLACES ±	DRWN: MARUTD 2023/01/12	
	2 PLACES ± 0.05	CHK'D: RSILLER 2023/01/19	
1 PLACE ± 0.3	APPR: RSILLER 2023/01/19	PRODUCT CUSTOMER DRAWING	
0 PLACES ± 0.5	INITIAL REVISION:	DOCUMENT NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: FDAFERNER 2020/02/10	1205010116
THIRD ANGLE PROJECTION		APPR: RSILLER 2021/03/15	PSD 000 A1
DRAWING		SERIES	MATERIAL NUMBER
A3-SIZE		120501	SEE TABLE 2
CUSTOMER		GENERAL MARKET	
SHEET NUMBER		2 OF 2	