

**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 USR  
 - 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 MA	BRASS	Ni
2	CONTACT 15 MA	BRASS	Au
3	CONTACT 15 FE	BRASS	Au
4	INSERT	PA	GREY
5	OVERMOLD	TPE	BLACK
6	CABLE 5x2.5 D11.3 WSOR	PUR	GREY
OPTIONAL 7	ID CARRIER	-	-

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_E = 0$ $\nabla_{E'} = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR				
	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				
	DIVISIONAL SYMBOLS 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5	INITIAL REVISION: DRWN: FDAFERNER 2020/01/29 APPR: RSILLER 2021/03/15		PRODUCT CUSTOMER DRAWING		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION	DRAWING: A3-SIZE SERIES: 120500	MATERIAL NUMBER: SEE TABLE 2 CUSTOMER: GENERAL MARKET	DOCUMENT NUMBER: 1205000221 DOC TYPE: PSD DOC PART: 000 REVISION: A1	SHEET NUMBER: 1 OF 2	

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

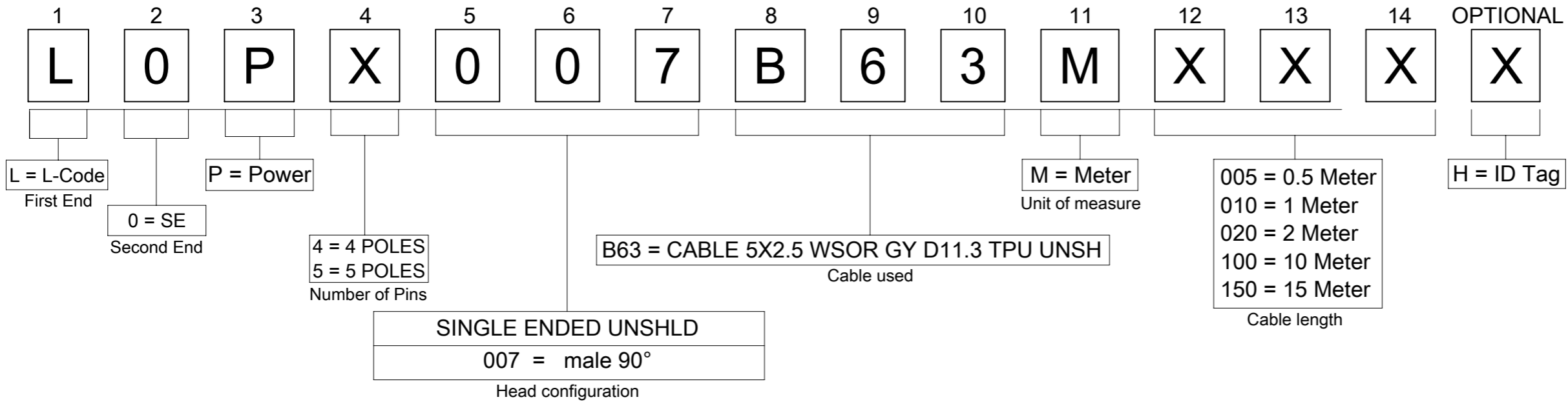


TABLE 2

NOMINAL SECTION 2,5mm <sup>2</sup>			
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]
1205000221	L0P5007B63M010	1000	+40
1205000222	L0P5007B63M020	2000	+60
1205000223	L0P5007B63M030	3000	+60
1205000224	L0P5007B63M050	5000	+60
1205000225	L0P5007B63M100	10000	+80
1205000226	L0P5007B63M150	15000	+140
1205000227	L0P5007B63M200	20000	+140

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			
$\nabla_A = 0$	mm	1:1	EC NO: 735577 DRWN: MARUTD 2023/01/12 CHK'D: RSILLER 2023/01/19 APPR: RSILLER 2023/01/19		
$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)				
$\nabla_Z = 0$	ANGULAR TOL $\pm 1.0^\circ$		INITIAL REVISION: DRWN: FDAFERNER 2020/01/29 APPR: RSILLER 2021/03/15		
DIVISIONAL SYMBOLS	4 PLACES	$\pm$			
	3 PLACES	$\pm$	1205000221		
	2 PLACES	$\pm 0.05$	DOC TYPE	DOC PART	REVISION
	1 PLACE	$\pm 0.3$	PSD	000	A1
	0 PLACES	$\pm 0.5$	SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	120500	CUSTOMER
			GENERAL MARKET		2 OF 2