

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

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	BLACK
6	INSERT MALE	PA	BLACK
7	OVERMOLD	TPE	BLACK
8	CABLE 4x2.5 D10.1 WSOR	PUR	BLACK
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	SCALE	CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR						
	mm	2:1	EC NO: 735577 DRWN: NIKHIS3 2023/01/12 CHK'D: RSILLER 2023/01/19 APPR: RSILLER 2023/01/19 INITIAL REVISION: DRWN: FDAFERNER 2020/05/12 APPR: RSILLER 2021/10/05						
	GENERAL TOLERANCES (UNLESS SPECIFIED)								
	ANGULAR TOL	± 1.0°							
DIVISIONAL SYMBOLS	4 PLACES	±	molex CSE M12 4P LC FE STR MA RA WSOR BK XM PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 1205010148 DOC TYPE: PSD DOC PART: 000 REVISION: A1 MATERIAL NUMBER: SEE TABLE 2 CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 2						
	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	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
			A2-SIZE	120501	SEE TABLE 2	GENERAL MARKET	1 OF 2		

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

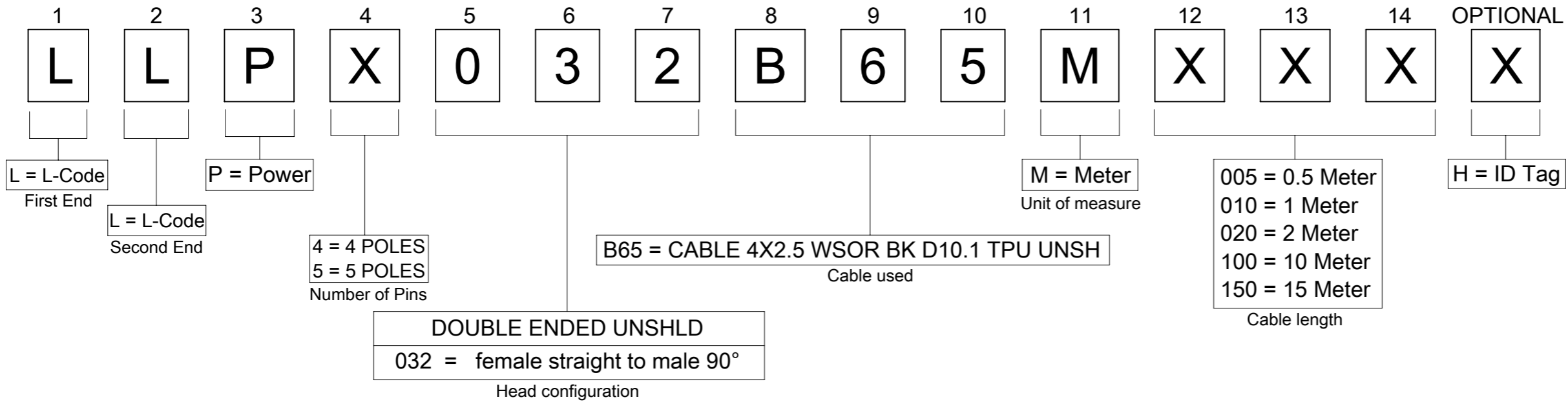



TABLE 2

NOMINAL SECTION 2,5mm ²			
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]
1205010148	LLP4032B65M005	500	+40
1205010149	LLP4032B65M010	1000	+40
1205010150	LLP4032B65M020	2000	+60
1205010151	LLP4032B65M030	3000	+60
1205010152	LLP4032B65M050	5000	+60
1205010153	LLP4032B65M100	10000	+80
1205010154	LLP4032B65M150	15000	+140
1205010155	LLP4032B65M200	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	CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR
$\nabla_A = 0$	mm	1:1	 CSE M12 4P LC FE STR MA RA WSOR BK XM
$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		
$\nabla_{E'} = 0$	ANGULAR TOL $\pm 1.0^\circ$		EC NO: 735577 DRWN: NIKHIS3 2023/01/12 CHK'D: RSILLER 2023/01/19 APPR: RSILLER 2023/01/19
DIVISIONAL SYMBOLS	4 PLACES	\pm	
	3 PLACES	\pm	INITIAL REVISION: DRWN: FDAFERNER 2020/05/12 APPR: RSILLER 2021/10/05
	2 PLACES	± 0.05	
	1 PLACE	± 0.3	DOCUMENT NUMBER: 1205010148 DOC TYPE: PSD DOC PART: 000 REVISION: A1
	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	SHEET NUMBER: 2 OF 2