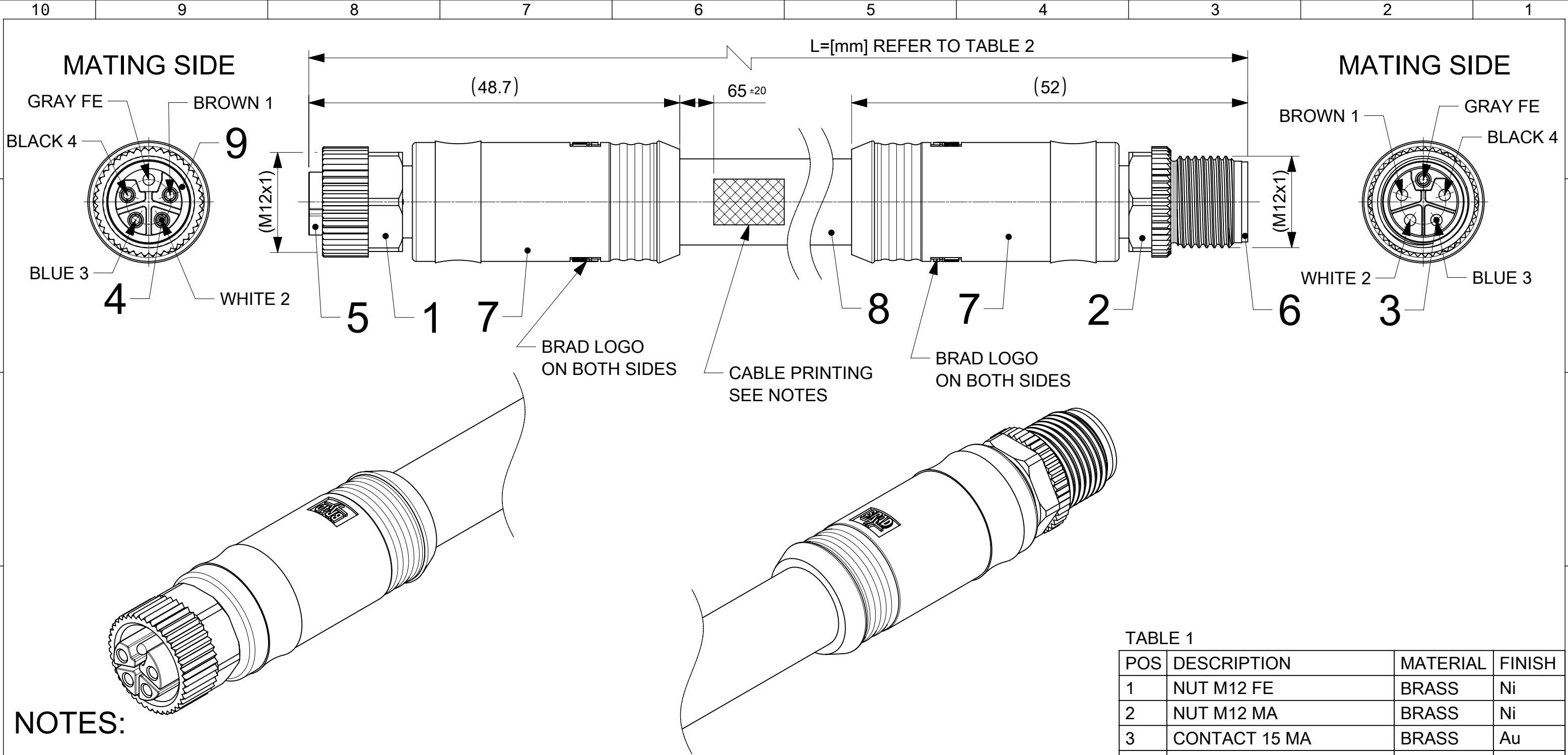




NOTES:

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	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: NEW P/N'S ADDED			molex CSE M12 5P LC FE STR MA STR WSOR GY XM					
	mm		2:1										
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 776660 DRWN: RSCHIEBER 2024/02/08 CHK'D: RSILLER 2024/02/09 APPR: RSILLER 2024/02/09			PRODUCT CUSTOMER DRAWING					
	ANGULAR TOL ± 1.0°												
	4 PLACES		±		INITIAL REVISION: DRWN: FDAFFERNER 2020/01/30 APPR: RSILLER 2021/03/15			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	3 PLACES		±					1205010100		PSD	000	A3	
	2 PLACES		± 0.05		THIRD ANGLE PROJECTION  DRAWING A3-SIZE SERIES 120501		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
	1 PLACE		± 0.3										
	0 PLACES		± 0.5										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													

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

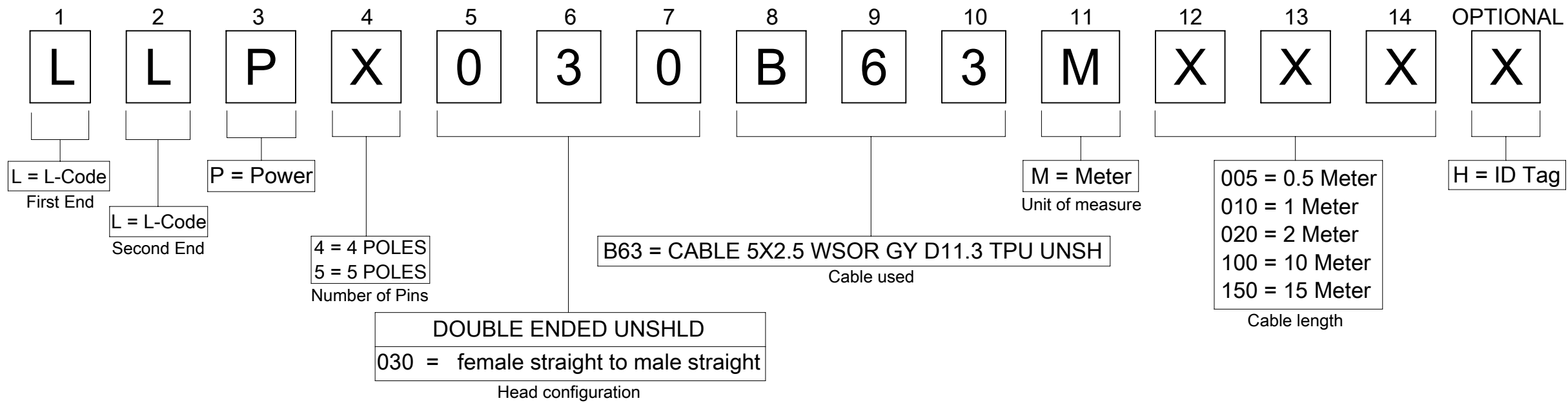


TABLE 2

NOMINAL SECTION 2,5mm ²			
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]
1205010283	LLP5030B63M003	300	+40
1205010100	LLP5030B63M005	500	+40
1205010286	LLP5030B63M070	700	+40
1205010101	LLP5030B63M010	1000	+40
1205010102	LLP5030B63M020	2000	+60
1205010103	LLP5030B63M030	3000	+60
1205010284	LLP5030B63M040	4000	+60
1205010104	LLP5030B63M050	5000	+60
1205010285	LLP5030B63M060	6000	+80
1205010286	LLP5030B63M070	7000	+80
1205010287	LLP5030B63M080	8000	+80
1205010105	LLP5030B63M100	10000	+80
1205010288	LLP5030B63M120	12000	+140
1205010289	LLP5030B63M140	14000	+140
1205010106	LLP5030B63M150	15000	+140
1205010290	LLP5030B63M180	18000	+160
1205010107	LLP5030B63M200	20000	+160
1205010291	LLP5030B63M230	23000	+160
1205010292	LLP5030B63M270	27000	+160
1205010293	LLP5030B63M300	30000	+160
1205010294	LLP5030B63M340	34000	+350
1205010295	LLP5030B63M380	38000	+380
1205010296	LLP5030B63M420	42000	+420
1205010297	LLP5030B63M460	46000	+460
1205010298	LLP5030B63M500	50000	+500
1205010299	LLP5030B63M540	54000	+540
1205010300	LLP5030B63M570	57000	+570
1205010301	LLP5030B63M610	61000	+610

NOMINAL SECTION 2,5mm²

MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]	QYT. ID CARRIER
1205010169	LLP5030B63M005H	500	+40	2
1205010170	LLP5030B63M010H	1000	+40	2
1205010164	LLP5030B63M020H	2000	+60	2
1205010165	LLP5030B63M030H	3000	+60	2
1205010036	LLP5030B63M050H	5000	+60	2
1205010037	LLP5030B63M100H	10000	+80	2
1205010035	LLP5030B63M150H	15000	+140	2
1205010039	LLP5030B63M200H	20000	+160	2
1205010040	LLP5030B63M250H	25000	+160	2
1205010038	LLP5030B63M300H	30000	+160	2
1205010166	LLP5030B63M350H	35000	+350	2
1205010167	LLP5030B63M400H	40000	+400	2
1205010168	LLP5030B63M450H	45000	+450	2

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: NEW P/N'S ADDED					molex CSE M12 5P LC FE STR MA STR WSOR GY XM						
	mm		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
	ANGULAR TOL ± 1.0°															
	4 PLACES		±		EC NO: 776660 DRWN: RSCHIEBER 2024/02/08 CHK'D: RSILLER 2024/02/09 APPR: RSILLER 2024/02/09 INITIAL REVISION: DRWN: FDAFERNER 2020/01/30 APPR: RSILLER 2021/03/15					PRODUCT CUSTOMER DRAWING						
	3 PLACES		±													
	2 PLACES		± 0.05													
	1 PLACE		± 0.3													
	0 PLACES		± 0.5		DOCUMENT NUMBER					DOC TYPE		DOC PART		REVISION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		1205010100			PSD		000		A3	
				A3-SIZE		120501		MATERIAL NUMBER			CUSTOMER		SHEET NUMBER			
								SEE TABLE 2			GENERAL MARKET		2 OF 2			