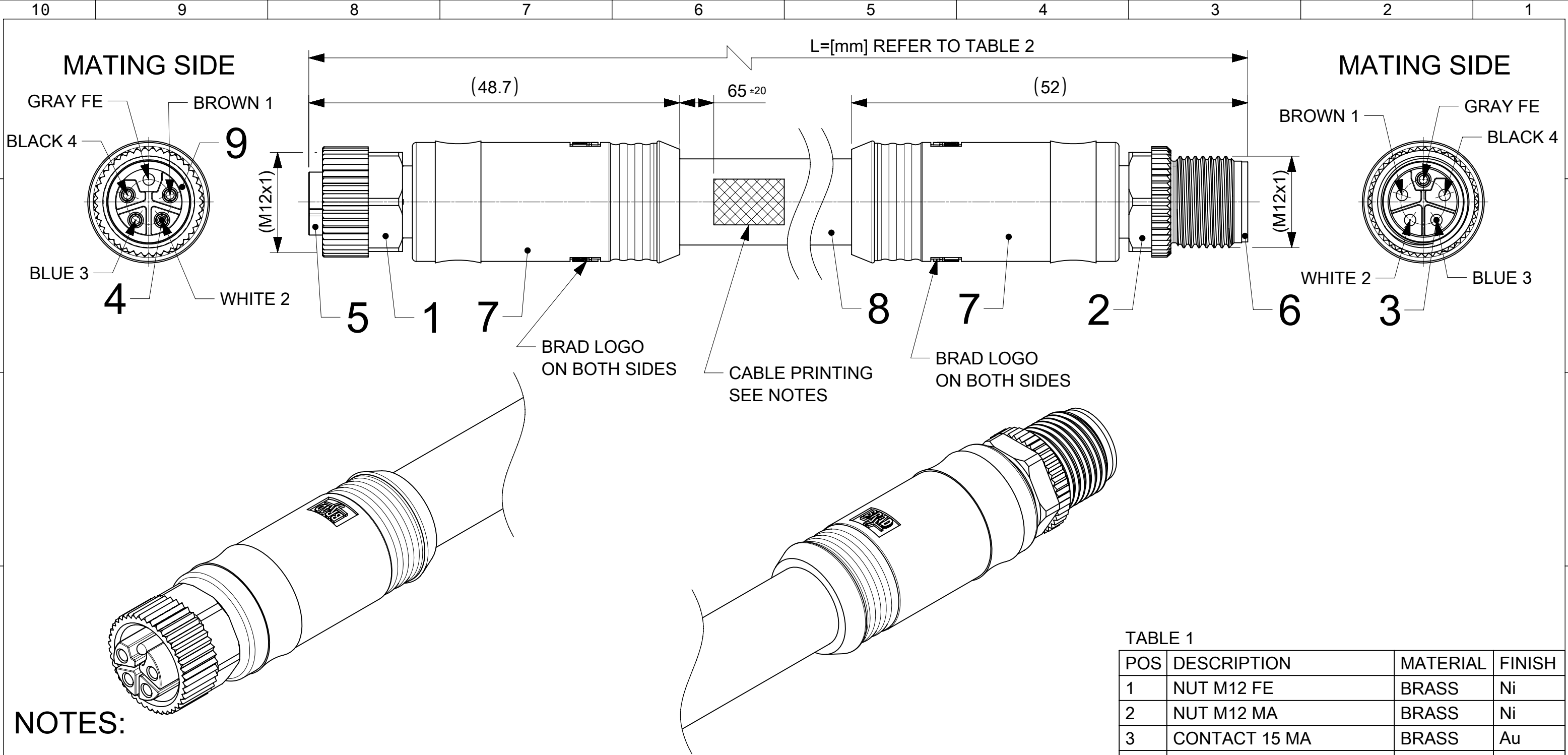




NOTES:

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

$\sqrt{A}$

$\sqrt{E}$

$\sqrt{F}$

DIVISIONAL SYMBOLS

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

EC NO: 735577
DRWN: MARUTD
CHK'D: RSILLER
APPR: RSILLER

2023/01/12
2023/01/19
2023/01/19

INITIAL REVISION:
DRWN: FDAFFERNER
APPR: RSILLER

2020/01/30
2021/03/15

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SCALE

2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1205010100

DOC TYPE

PSD

DOC PART

000

REVISION

A1

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

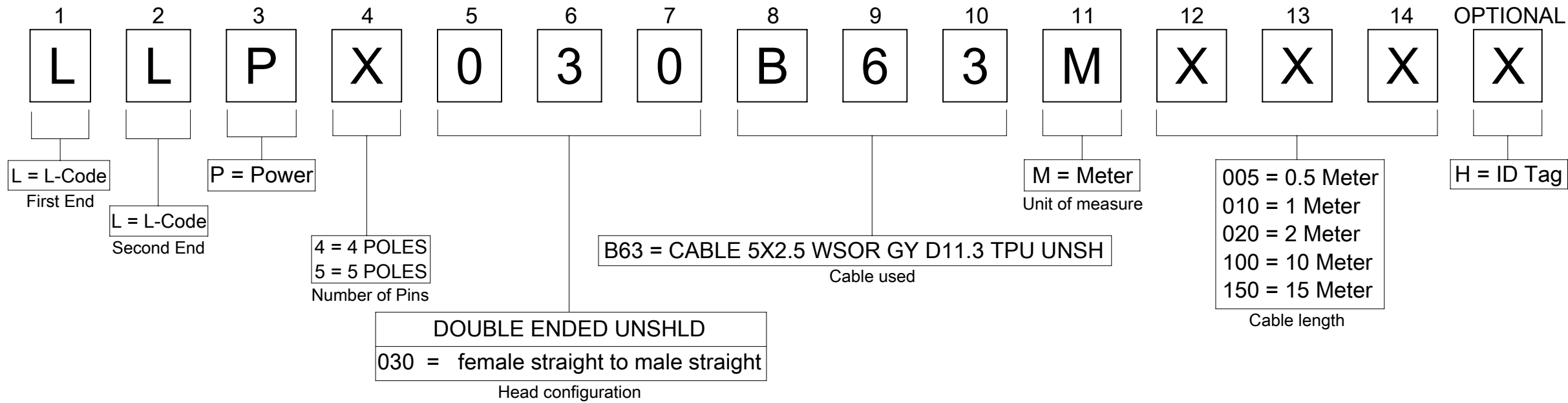


TABLE 2

NOMINAL SECTION 2,5mm²					
MATERIAL NO.		ENGINEERING NO.		L [mm]	TOLERANCE [mm]
1205010100		LLP5030B63M005		500	+40
1205010101		LLP5030B63M010		1000	+40
1205010102		LLP5030B63M020		2000	+60
1205010103		LLP5030B63M030		3000	+60
1205010104		LLP5030B63M050		5000	+60
1205010105		LLP5030B63M100		10000	+80
1205010106		LLP5030B63M150		15000	+140
1205010107		LLP5030B63M200		20000	+160
1205010169		LLP5030B63M005H		500	+40
1205010170		LLP5030B63M010H		1000	+40
1205010164		LLP5030B63M020H		2000	+60
1205010165		LLP5030B63M030H		3000	+60
1205010036		LLP5030B63M050H		5000	+60
1205010037		LLP5030B63M100H		10000	+80
1205010035		LLP5030B63M150H		15000	+140
1205010039		LLP5030B63M200H		20000	+160
1205010040		LLP5030B63M250H		25000	+160
1205010038		LLP5030B63M300H		30000	+160
1205010166		LLP5030B63M350H		35000	+350
1205010167		LLP5030B63M400H		40000	+400
1205010168		LLP5030B63M450H		45000	+450
DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19	11:13:39	

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				molex										
	mm		1:1																
	GENERAL TOLERANCES (UNLESS SPECIFIED)																		
	ANGULAR TOL ± 1.0 °																		
	4 PLACES		±		EC NO: 735577 DRWN: MARUTD 2023/01/12 CHK'D: RSILLER 2023/01/19 APPR: RSILLER 2023/01/19				CSE M12 5P LC FE STR MA STR WSOR GY XM										
	3 PLACES		±																
	2 PLACES		± 0.05																
	1 PLACE		± 0.3																
	0 PLACES		± 0.5		INITIAL REVISION: DRWN: FDAFERNER 2020/01/30 APPR: RSILLER 2021/03/15				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING					SERIES		1205010100		PSD		000		A1		
											MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
								SEE TABLE 2		GENERAL MARKET		2 OF 2							