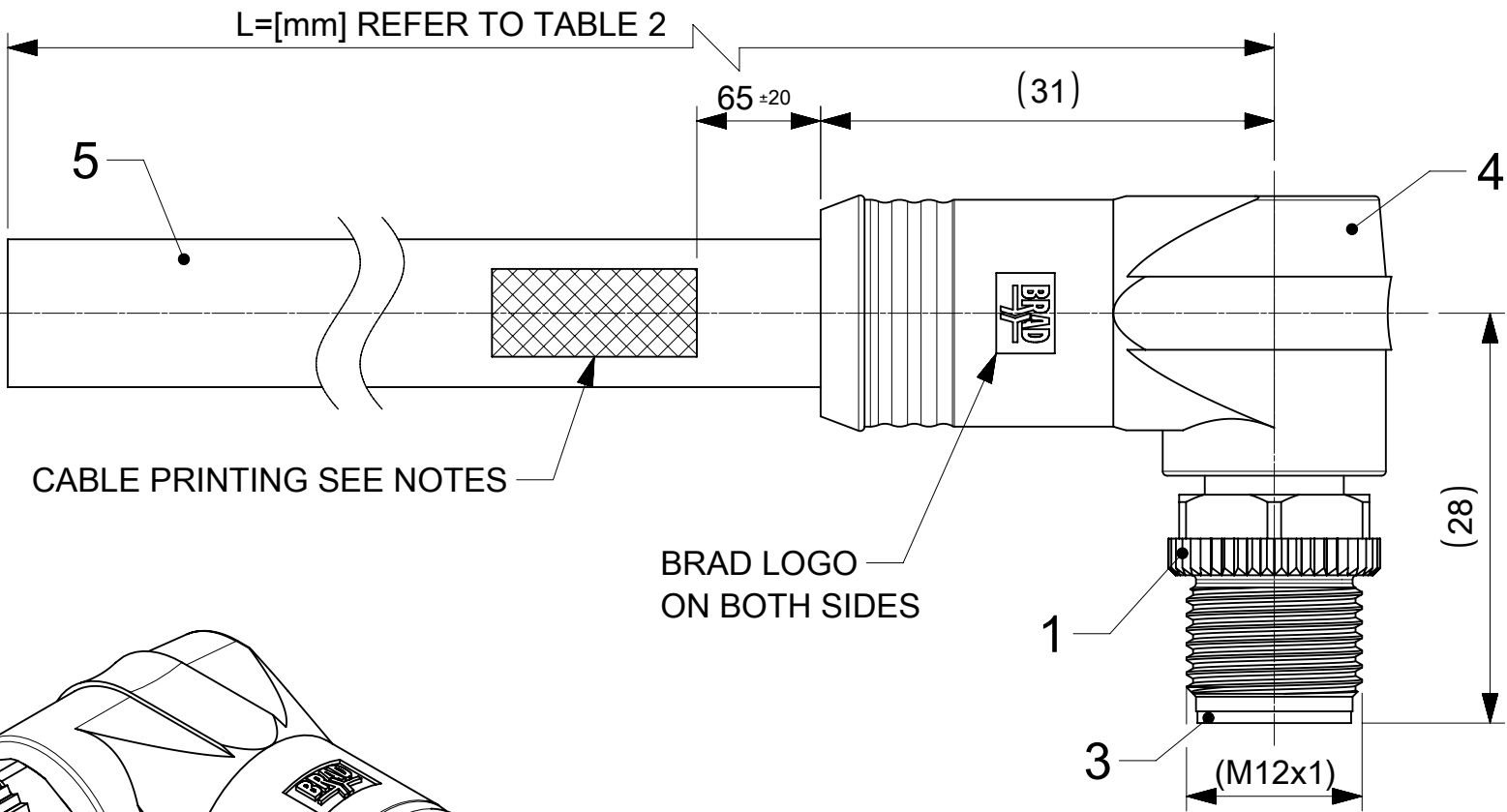
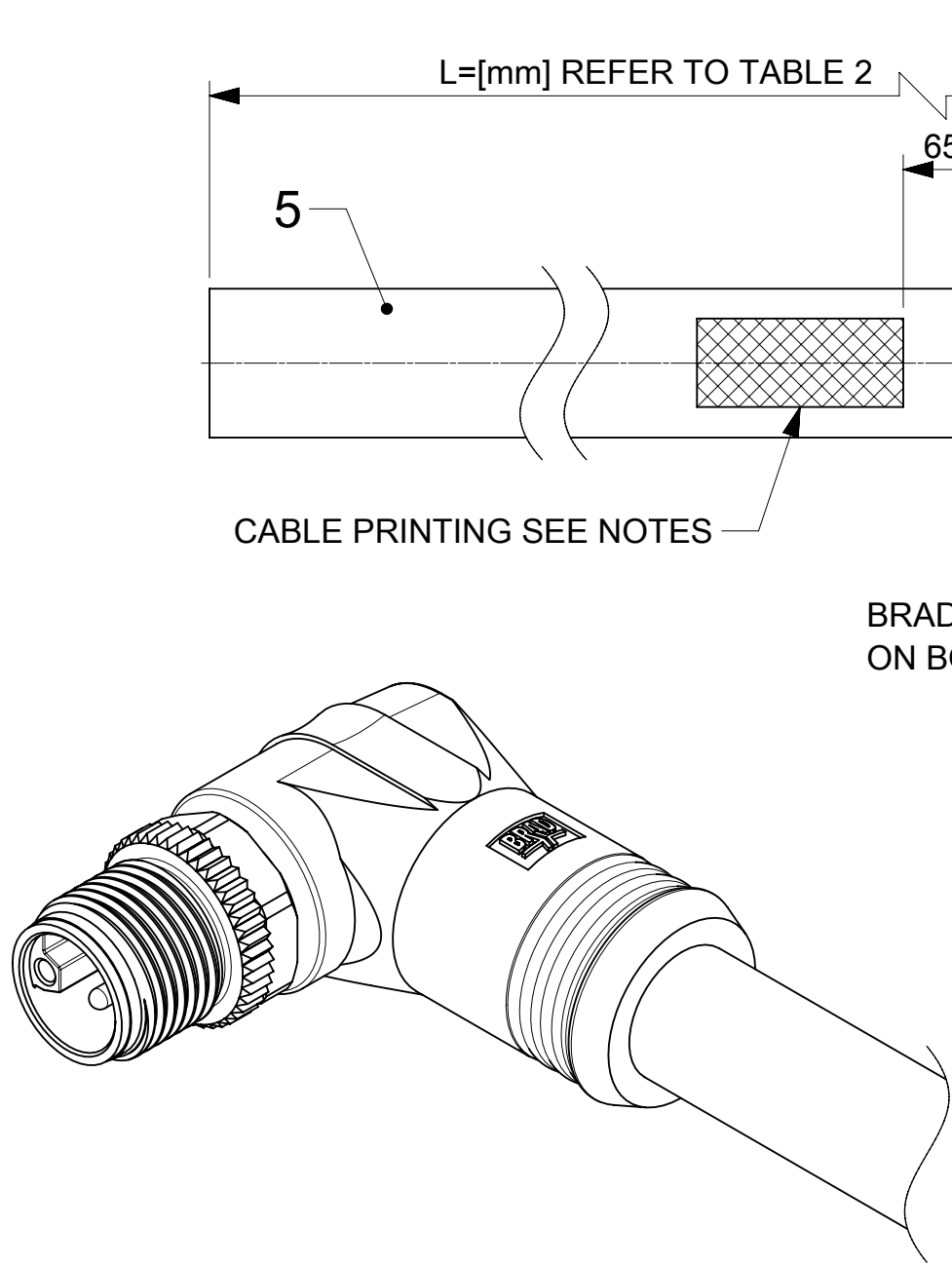
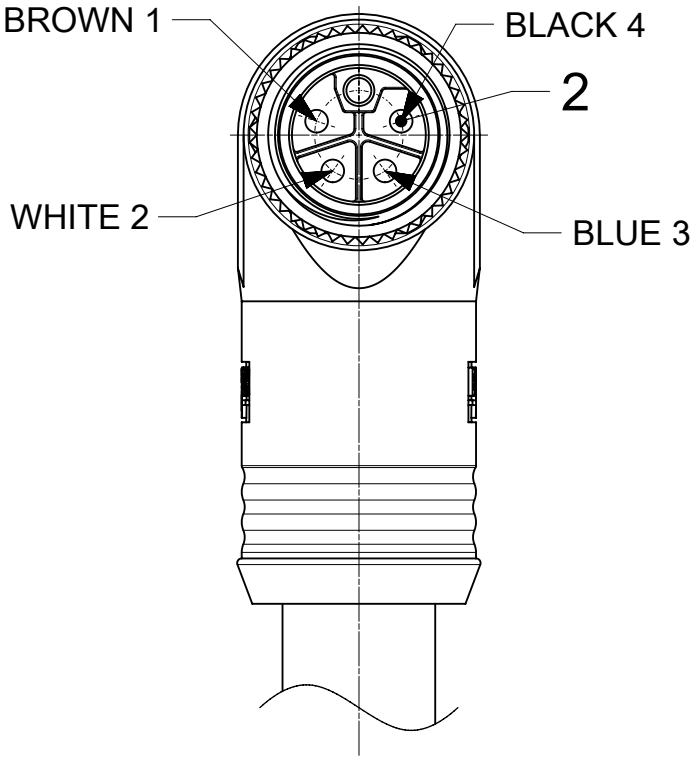




MATING SIDE



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

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	INSERT	PA	BLACK
4	OVERMOLD	TPE	BLACK
5	CABLE 4x2.5 D10.1 WSOR	PUR	BLACK
OPTIONAL 6	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: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR			molex									
	mm		2:1														
	E_A = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 735577 DRWN: NIKHIS3 CHK'D: RSILLER APPR: RSILLER			CSE M12 4P LC MA RA WSOR BK XM UNSH								
E = 0	ANGULAR TOL ± 1.0 °																
E_F = 0	4 PLACES ±				2023/01/12												
DIVISIONAL SYMBOLS	3 PLACES ±											2023/01/19					
	2 PLACES ± 0.05				2023/01/19												
	1 PLACE ± 0.3							2020/05/13 2021/10/05									
	0 PLACES ± 0.5																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		120500		1205000249		PSD		000		A1	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
										SEE TABLE 2		GENERAL MARKET				1 OF 2	

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

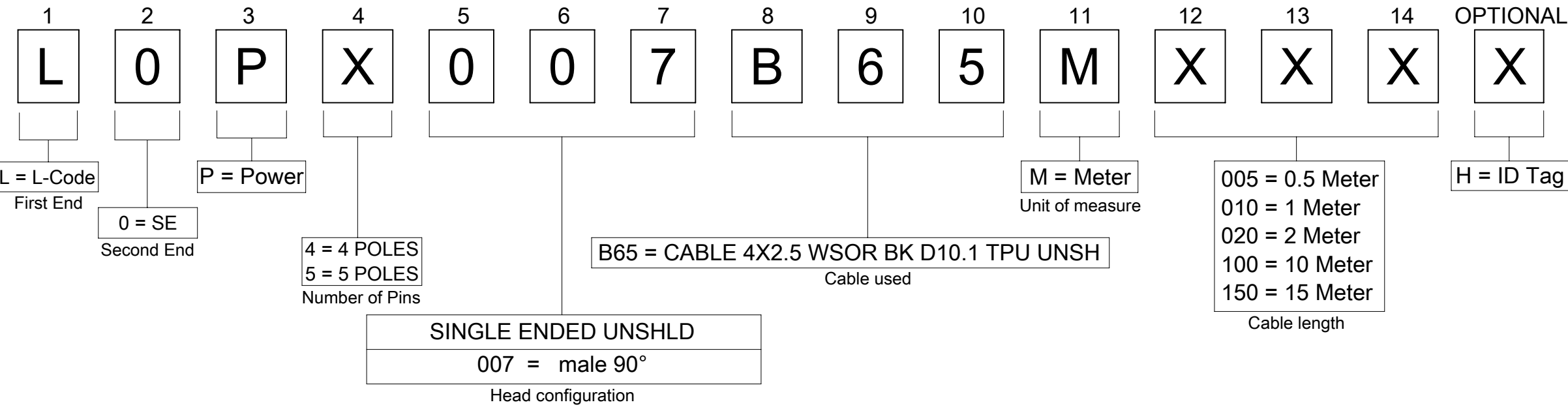


TABLE 2

NOMINAL SECTION 2,5mm²			
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]
1205000249	L0P4007B65M010	1000	+40
1205000250	L0P4007B65M020	2000	+60
1205000251	L0P4007B65M030	3000	+60
1205000252	L0P4007B65M050	5000	+60
1205000253	L0P4007B65M100	10000	+80
1205000254	L0P4007B65M150	15000	+140
1205000255	L0P4007B65M200	20000	+140

FUNCTIONAL SYMBOLS

FA

=

0

FE

=

0

FE

=

0

DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

1:1

CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR

EC NO: 735577

DRWN: NIKHIS3

CHK'D: RSILLER

APPR: RSILLER

2023/01/12

2023/01/19

2023/01/19

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

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

A3-SIZE

SERIES

120500

MATERIAL NUMBER

SEE TABLE 2

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2

moLEX

CSE M12 4P LC MA RA WSOR BK XM UNSH

PRODUCT CUSTOMER DRAWING

INITIAL REVISION:

DRWN: FDAFERNER

APPR: RSILLER

2020/05/13

2021/10/05

DOCUMENT NUMBER

1205000249

DOC TYPE

PSD

DOC PART

000

REVISION

A1

10987654321