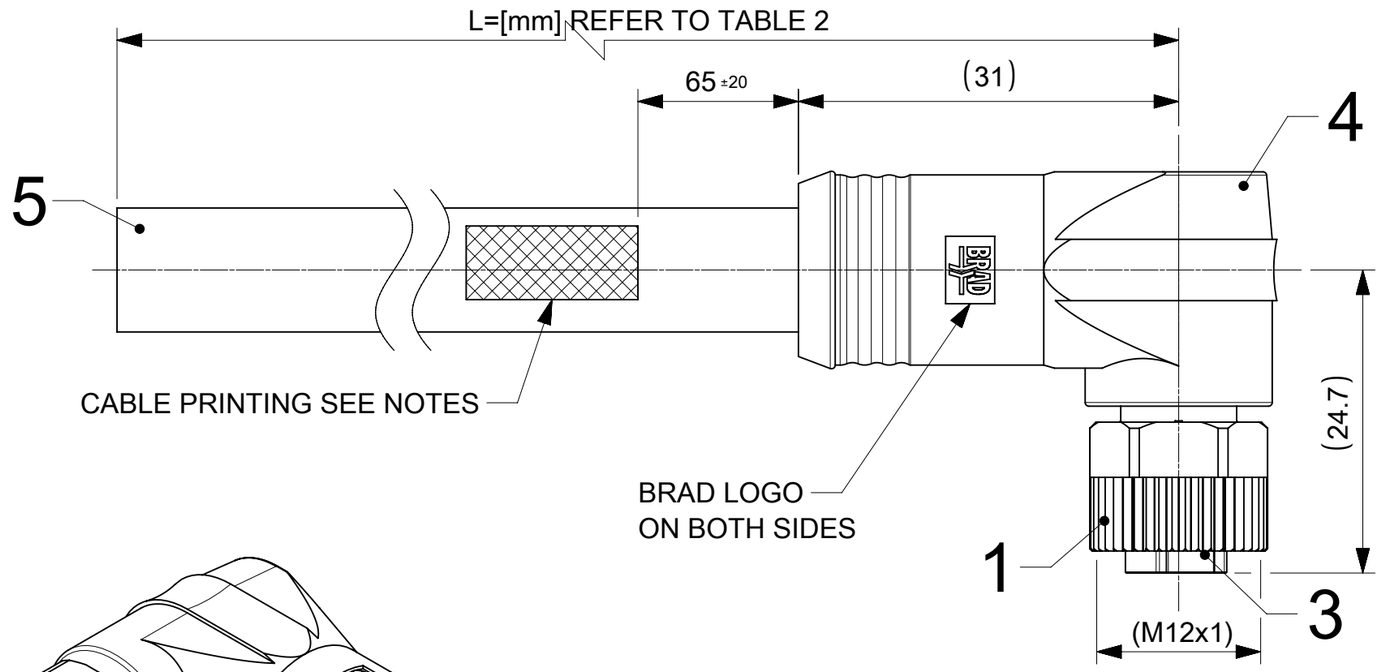
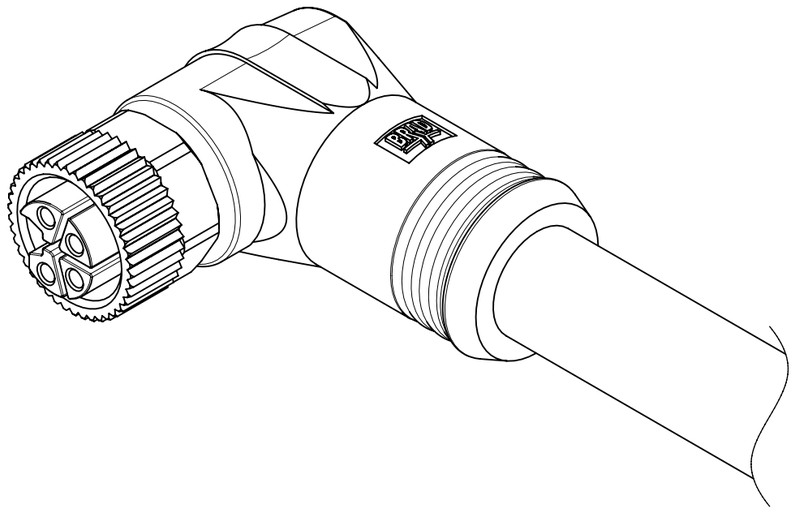
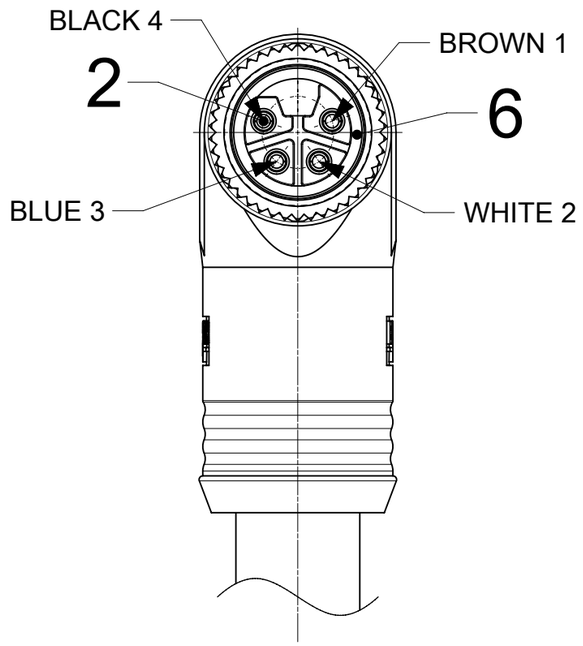




MATING SIDE



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): MXYYWW
- 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	CONTACT 15 FE	BRASS	Au
	3	INSERT	PA	BLACK
	4	OVERMOLD	TPE	BLACK
	5	CABLE 4x2.5 D10.1 WSOR	PUR	BLACK
	6	GASKET OR 8.2X1.25	FKM	BLACK
OPTIONAL	7	ID CARRIER	-	-

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 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	SCALE
mm	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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR

EC NO: 735577
DRWN: NIKHIS3 2023/01/11
CHK'D: RSILLER 2023/01/19
APPR: RSILLER 2023/01/19

INITIAL REVISION:
DRWN: FDAFERNER 2020/05/13
APPR: RSILLER 2021/10/05

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120500

molex

CSE M12 4P LC FE RA WSOR BK XM UNSH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1205000235	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE 2	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19 11:13:29

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	OPTIONAL
L	0	P	X	0	0	1	B	6	5	M	X	X	X	X

- L = L-Code — First End
- 0 = SE — Second End
- P = Power
- 4 = 4 POLES; 5 = 5 POLES — Number of Pins
- SINGLE ENDED UNSHLD; 001 = female 90° — Head configuration
- B65 = CABLE 4X2.5 WSOR BK D10.1 TPU UNSH — Cable used
- M = Meter — Unit of measure
- 005 = 0.5 Meter; 010 = 1 Meter; 020 = 2 Meter; 100 = 10 Meter; 150 = 15 Meter — Cable length
- H = ID Tag

TABLE 2

NOMINAL SECTION 2,5mm²			
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]
1205000235	L0P4001B65M010	1000	+40
1205000236	L0P4001B65M020	2000	+60
1205000237	L0P4001B65M030	3000	+60
1205000238	L0P4001B65M050	5000	+60
1205000239	L0P4001B65M100	10000	+80
1205000240	L0P4001B65M150	15000	+140
1205000241	L0P4001B65M200	20000	+140

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

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.05
1 PLACE	±	0.3
0 PLACES	±	0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR

EC NO: 735577
DRWN: NIKHIS3 2023/01/11
CHK'D: RSILLER 2023/01/19
APPR: RSILLER 2023/01/19

INITIAL REVISION:
DRWN: FDAFERNER 2020/05/13
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THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120500

molex

CSE M12 4P LC FE RA WSOR BK XM UNSH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1205000235	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE 2	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19 11:13:29

FORMAT: master-tb-mod-A3
REVISION: J
DATE: 2020/01/14