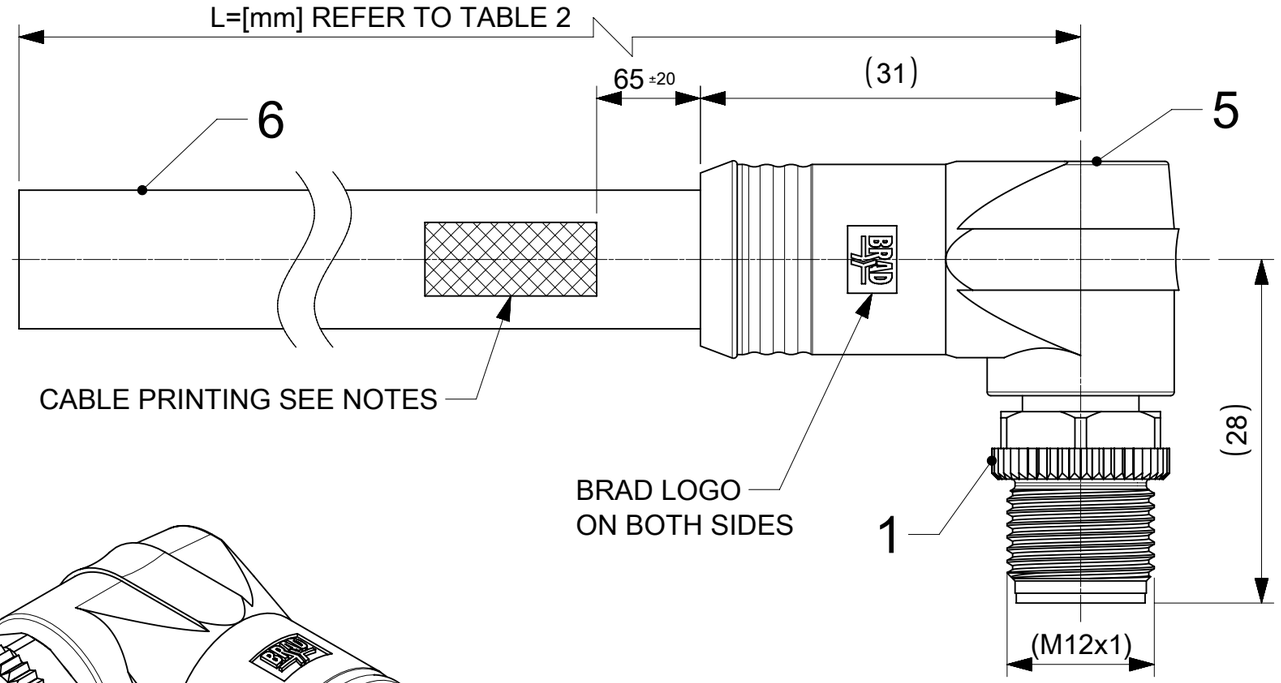

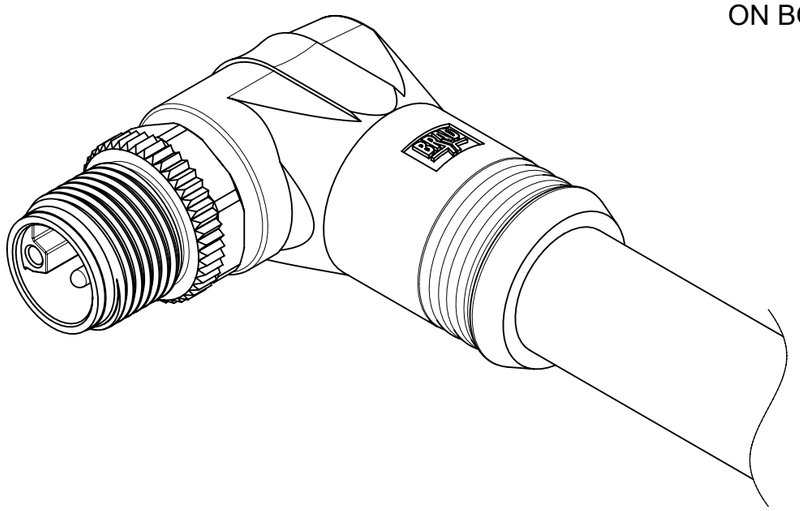

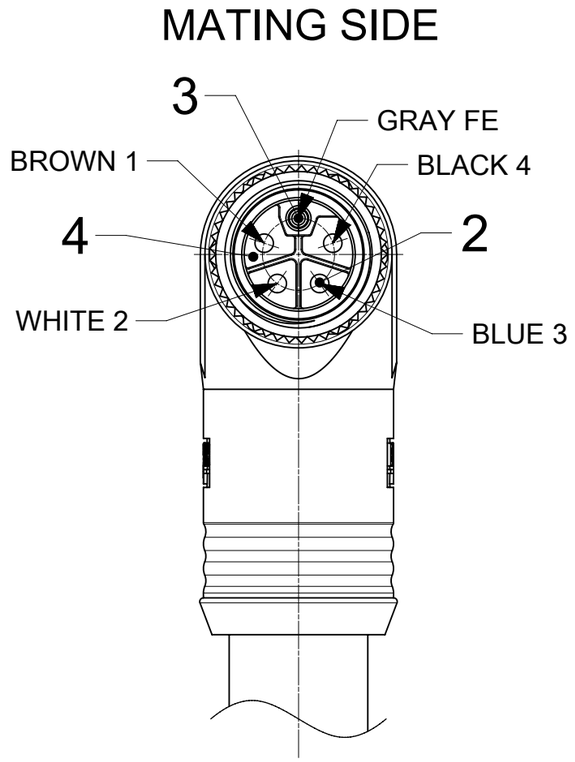

NOTES:

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 + FE

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	CONTACT 15 FE	BRASS	Au
4	INSERT	PA	GREY
5	OVERMOLD	TPE	BLACK
6	CABLE 5x2.5 D11.3 WSOR	PUR	GREY
OPTIONAL	7 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, FD = 0
DIVISIONAL SYMBOLS

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: MARUTD 2023/01/12
CHK'D: RSILLER 2023/01/19
APPR: RSILLER 2023/01/19

INITIAL REVISION:
DRWN: FDAFERNER 2020/01/29
APPR: RSILLER 2021/03/15

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

molex

CSE M12 5P LC MA RA WSOR GY XM UNSH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1205000221	PSD	000	A1

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

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19 11:13:27

FORMAT: master_Sheet-A3
REVISION: J
DATE: 2020/01/14

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	7	B	6	3	M	X	X	X	X

- **1** — L = L-Code (First End)
- **2** — 0 = SE (Second End)
- **3** — P = Power
- **4** — 4 = 4 POLES; 5 = 5 POLES (Number of Pins)
- **5 6 7** — SINGLE ENDED UNSHLD; 007 = male 90° (Head configuration)
- **8 9 10** — B63 = CABLE 5X2.5 WSOR GY D11.3 TPU UNSH (Cable used)
- **11** — M = Meter (Unit of measure)
- **12 13** — 005 = 0.5 Meter; 010 = 1 Meter; 020 = 2 Meter; 100 = 10 Meter; 150 = 15 Meter (Cable length)
- **14** — X
- **OPTIONAL** — H = ID Tag

TABLE 2

NOMINAL SECTION 2,5mm²			
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]
1205000221	L0P5007B63M010	1000	+40
1205000222	L0P5007B63M020	2000	+60
1205000223	L0P5007B63M030	3000	+60
1205000224	L0P5007B63M050	5000	+60
1205000225	L0P5007B63M100	10000	+80
1205000226	L0P5007B63M150	15000	+140
1205000227	L0P5007B63M200	20000	+140

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19 11:13:27

FORMAT: master Sheet A3
REVISION: J
DATE: 2020/01/14

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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR

EC NO: 735577
DRWN: MARUTD 2023/01/12
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THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120500

molex

CSE M12 5P LC MA RA WSOR GY XM UNSH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1205000221	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	2 OF 2