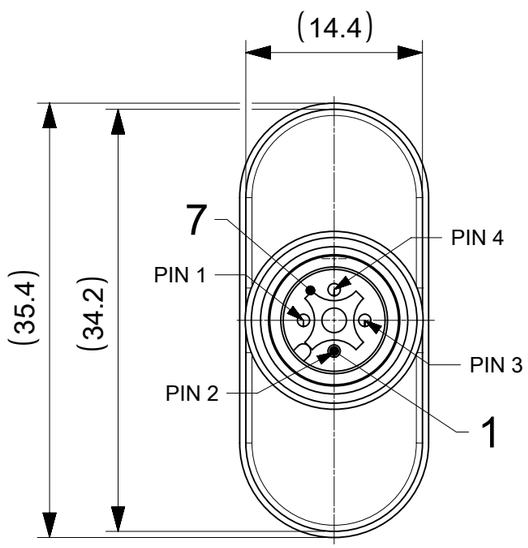
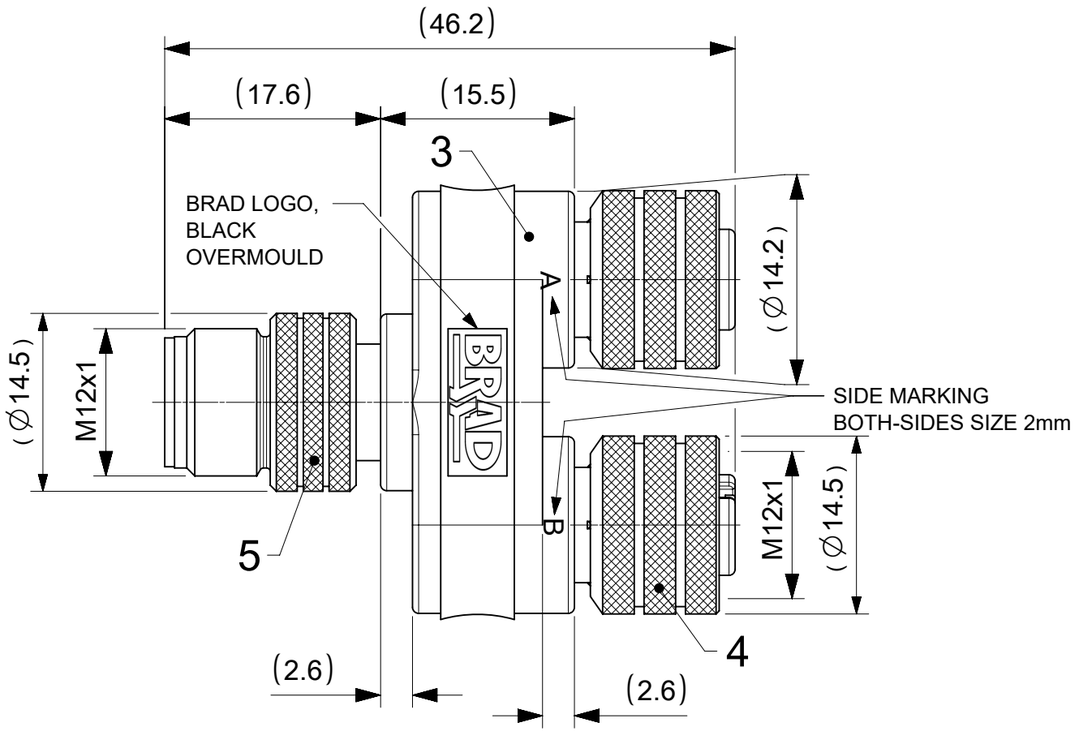
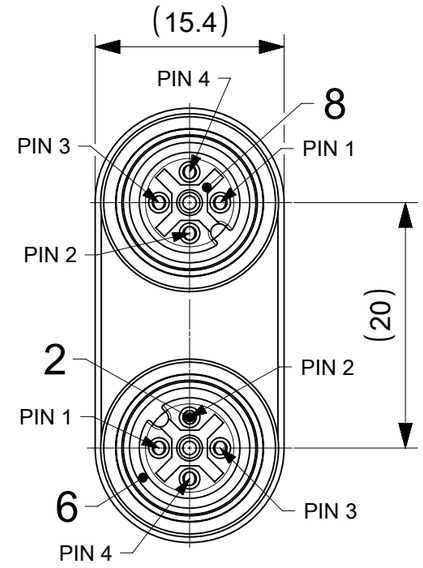
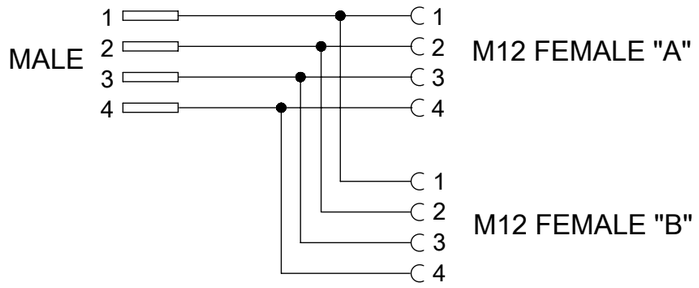






WIRING DIAGRAM



ENGINEERING NO. : 0812 04EMF 00001

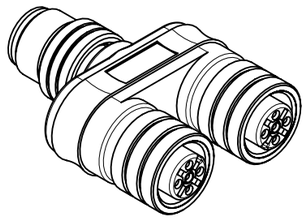
BOM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
9	1	PCB	---	---
8	2	INSERT M12 4P FEMALE	PUR	BLACK
7	1	INSERT M12 4P MALE	PUR	BLACK
6	2	ORING	FPM	RED
5	1	COUPLING NUT M12 MALE	BRASS	NICKEL
4	2	COUPLING NUT M12 FEMALE	BRASS	NICKEL
3	-	OVERMOULDING	PUR	BLACK
2	8	CONTACTS M12 FEMALE	BRASS	SELECTIVE GOLD
1	4	CONTACTS M12 MALE	COPPER	SELECTIVE GOLD

TECHNICAL SPECIFICATION:
1. ELECTRICAL DATA:
VOLTAGE RATING: 30V
AMPERAGE RATING: 4.0A

2. ENVIRONMENTAL:
PROTECTION: IP67

OPERATING TEMPERATURE: -25°C TO +90°C



SCALE 1:1

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: MIGRATED & REVISED

EC NO: 707699
DRWN: MDHARMANTI 2022/05/02
CHK'D: RSILLER 2022/05/24
APPR: RSILLER 2022/05/24

INITIAL REVISION:
DRWN: MDHARMANTI 2022/05/02
APPR: RSILLER 2022/05/24

molex

M12YV-4P-ST/BU-BU V2

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1200685105	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES
	A3-SIZE	120068

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PART LIST	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/24 10:30:02

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01