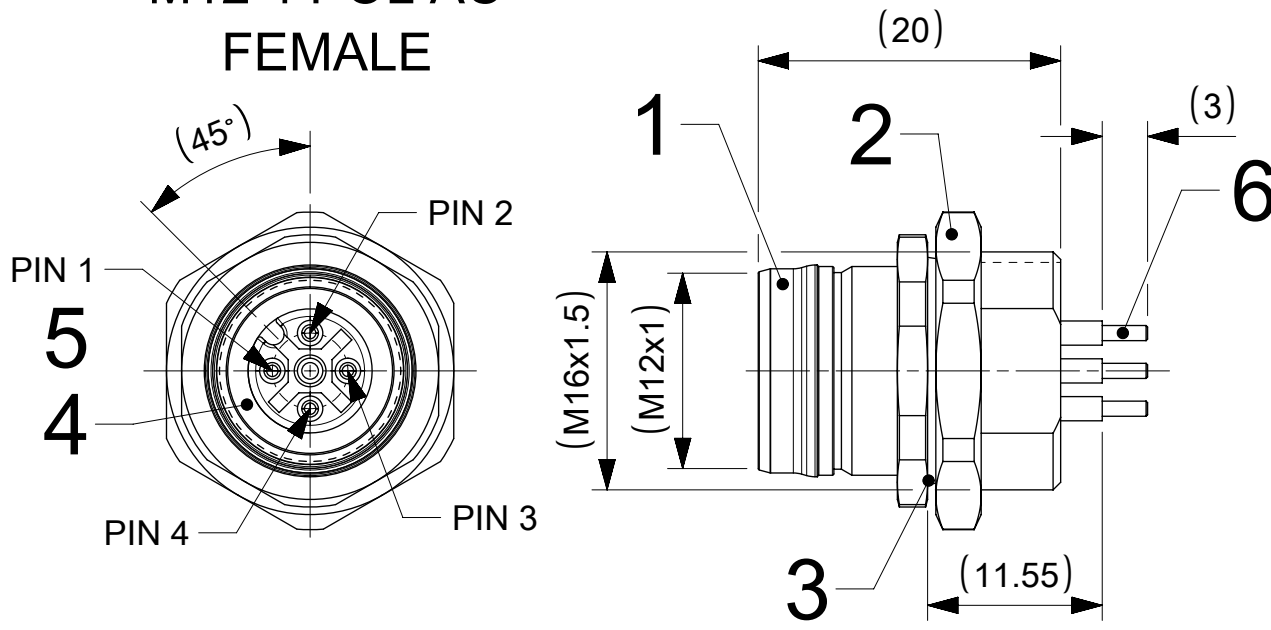
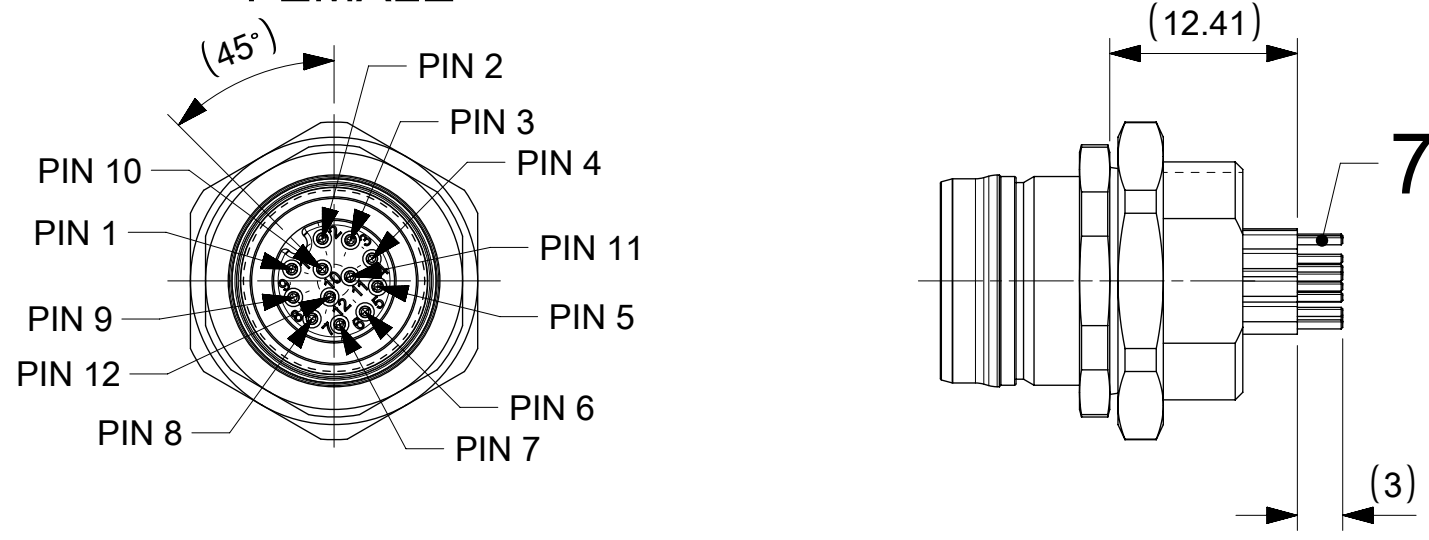


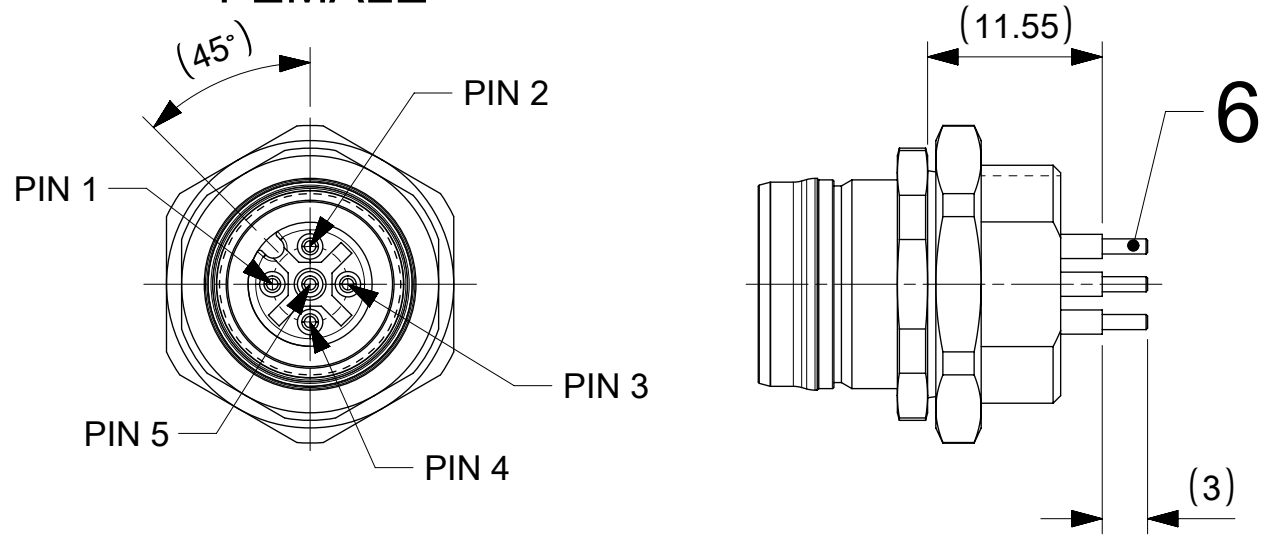
M12 4 POL AC
FEMALE



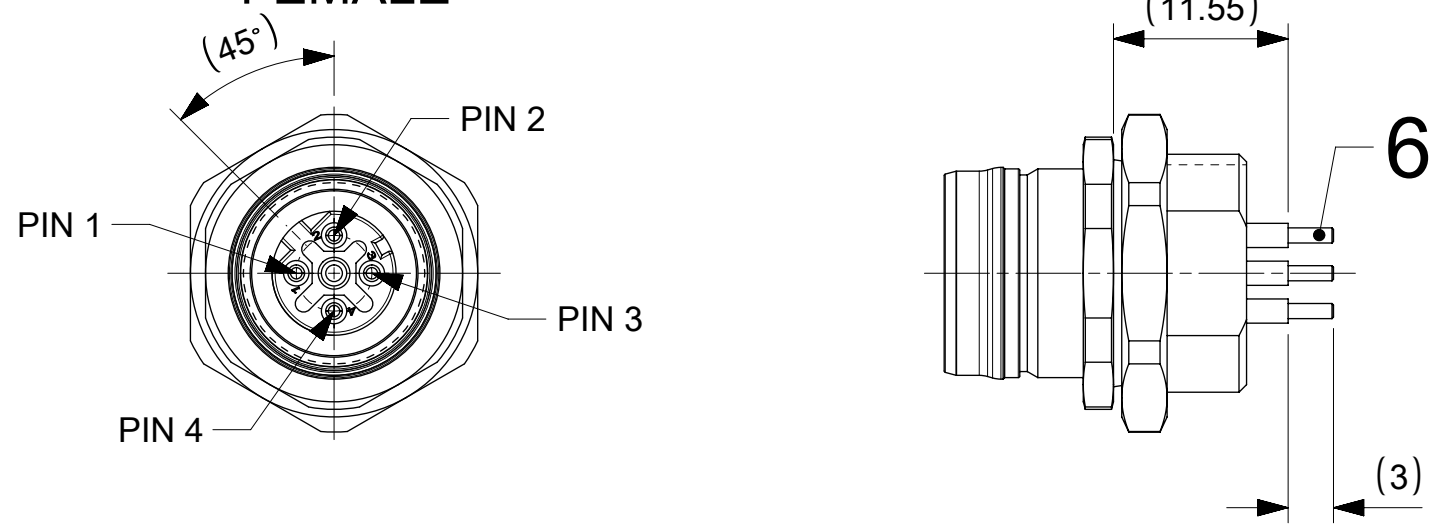
M12 12 POL AC
FEMALE



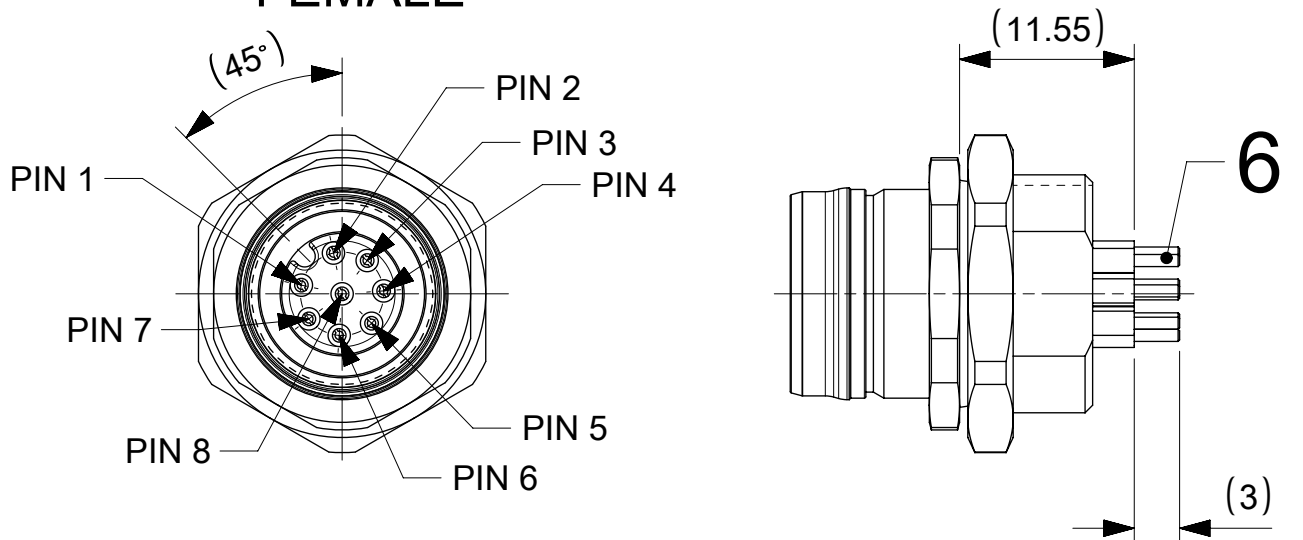
M12 5 POL AC
FEMALE



M12 4 POL DC
FEMALE



M12 8 POL AC
FEMALE



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: DIMENSIONS OF THE CONTACT POSITION OF THE 12P RECEPTACLE UPDATED				molex								
	mm		2:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)								REC U12 XP XC FE M16 FM SOL BRASS NI								
	ANGULAR TOL ± 1.0 °																
	4 PLACES		±		DRWN: FDAFERNER 2023/04/18				PRODUCT CUSTOMER DRAWING								
	3 PLACES		±		CHK'D: RSILLER 2023/04/19												
	2 PLACES		± 0.05		APPR: RSILLER 2023/04/19												
	1 PLACE		± 0.3		INITIAL REVISION:												
	0 PLACES		± 0.5		DRWN: FDAFERNER 2021/02/15				DOCUMENT NUMBER								
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		1204040026		DOC TYPE		DOC PART		REVISION	
										PSD		000		B			
										SEE PART LIST		GENERAL MARKET		SHEET NUMBER			
				A3-SIZE		120404								1 OF 3			

10	9	8	7	
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ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	SHELL M16 FE BRASS FM L20 NI REC U12	BRASS	Ni
2	1	M16 X 1.5 LOCKNUT NICKEL PLATED		
3	1	GASKET OR NBR 11X2 BK	NBR	BLACK
4	1	GASKET OR FPM 7.1X1.35 RD 60	FPM	RED
5	1	INSERT M12 FE 4P AC TPU BK UNSH	TPU	BLACK
6	4	MMC-FE.CONTACT(TURNED) PCB	BRASS	Au
7	-	POTTING MATERIAL	-	-

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	SHELL M16 FE BRASS FM L20 NI REC U12	BRASS	Ni
2	1	M16 X 1.5 LOCKNUT NICKEL PLATED		
3	1	GASKET OR NBR 11X2 BK	NBR	BLACK
4	1	GASKET OR FPM 7.1X1.35 RD 60	FPM	RED
5	1	INSERT M12 FE 5P AC TPU BK UNSH	TPU	BLACK
6	5	MMC-FE.CONTACT(TURNED) PCB	BRASS	Au
7	-	POTTING MATERIAL	-	-

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	SHELL M16 FE BRASS FM L20 NI REC U12	BRASS	Ni
2	1	M16 X 1.5 LOCKNUT NICKEL PLATED		
3	1	GASKET OR NBR 11X2 BK	NBR	BLACK
4	1	GASKET OR FPM 7.1X1.35 RD 60	FPM	RED
5	1	INSERT M12 FE 8P AC REC PUR BK UNSH	PUR	BLACK
6	8	M12-Fem-Contact	BRASS	Au
7	-	POTTING MATERIAL	-	-

PART LIST 4P AC		
MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION
1204040026	YR4U20000	REC U12 4P AC FE M16 FM SOL BRASS NI

PART LIST 5P AC		
MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION
1204040027	YR5U20000	REC U12 5P AC FE M16 FM SOL BRASS NI

PART LIST 8P AC		
MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION
1204040028	YR8U20000	REC U12 8P AC FE M16 FM SOL BRASS NI

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TABLE 4 - 12P A-CODE

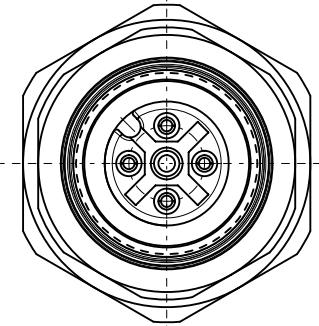
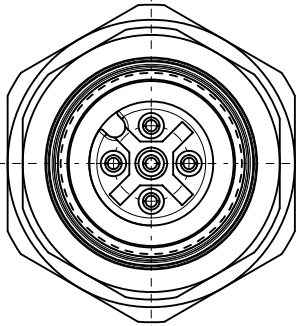
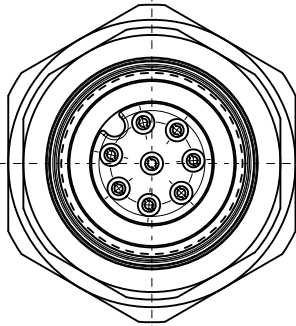
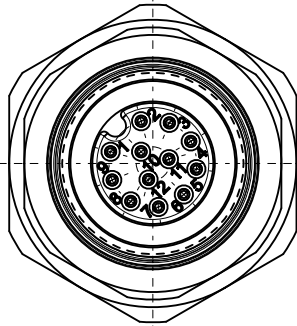
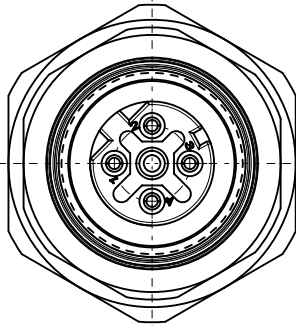
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	SHELL M16 FE BRASS FM L20 NI REC U12	BRASS	Ni
2	1	M16 X 1.5 LOCKNUT NICKEL PLATED		
3	1	GASKET OR NBR 11X2 BK	NBR	BLACK
4	1	GASKET OR FPM 7.1X1.35 RD 60	FPM	RED
5	1	INSERT M12 FE 12P AC PUR BK SHD	PUR	BLACK
6	1	M12S-FRONT SHELL-FEMALE SHIELD	BRASS	Ni
7	12	CONTACT 6 FE TUR AU SO		Au
8	-	POTTING MATERIAL	-	-

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	SHELL M16 FE BRASS FM L20 NI REC U12	BRASS	Ni
2	1	M16 X 1.5 LOCKNUT NICKEL PLATED		
3	1	GASKET OR NBR 11X2 BK	NBR	BLACK
4	1	GASKET OR FPM 7.1X1.35 RD 60	FPM	RED
5	1	INSERT M12 FE 4P DC CSE PUR BK UNSH	PUR	BLACK
6	4	MMC-FE.CONTACT(TURNED) PCB	BRASS	Au
7	-	POTTING MATERIAL	-	-

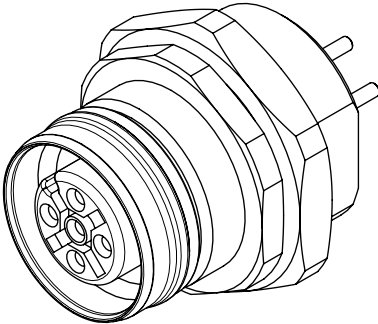
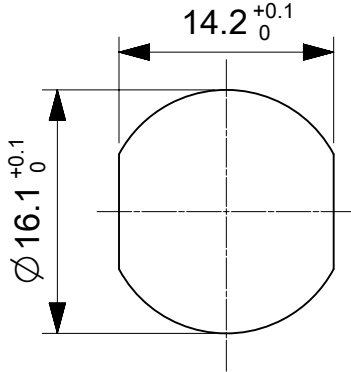
PART LIST 12P AC		
MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION
1204040029	YRCU20000	REC U12 12P AC FE M16 FM SOL BRASS NI

PART LIST 4P DC		
MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION
1204062003	ERYD2U20000	REC U12 4P DC FE M16 FM SOL BRASS NI

[illegible]

POLES	4 POLE		5 POLE		8 POLE		12 POLE		4 POLE	
LAYOUT										
VOLTAGE RATING	250V		60V		30V		30V		250V	
CODING	A - Code		A - Code		A - Code		A - Code		D - Code	
AMPERE RATING	4A		4A		2A		1.5A		4A	
PROTECTION CLASS CONNECTOR INTERFACE SHELL TO ENCLOSURE	IP 67/69K (in mated condition / when properly installed)									
OPERATING TEMP.	-40°C / 85°C									
UL CERTIFICATION	FILE NO. E152210									
CSA CERTIFICATION	FILE NO. LR6837									
WIRE LEAD	0.34 mm ² PVC		0.34 mm ² PVC		0.25 mm ² PVC		0.14 mm ² PVC		0.34 mm ² PVC	
PIN DIAMETER	1.0 mm		1.0 mm		0.8 mm		0.6 mm		1.0 mm	
WIRE COLOR	ACCORDING TO IEC 60947-5-2				ACCORDING TO DIN 47100				ACC. TO IEC 60947-5-2	

RECOMMENDED PANEL CUTOUT



NOTE:
1. PANEL THICKNESS MAX. 5.3mm
2. PACKAGING: 40 PC RECEPTACLES ARE PACKED IN ONE TRAY
AND 6 TRAYS ARE PACKED IN ONE CARDBOARD BOX

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	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		
THIRD ANGLE PROJECTION		
DRAWING		
SERIES		
MATERIAL NUMBER		
CUSTOMER		
SHEET NUMBER		

CURRENT REV DESC: DIMENSIONS OF THE CONTACT POSITION OF THE 12P RECEPTACLE UPDATED

EC NO: 746703

DRWN: FDAFERNER

CHK'D: RSILLER

APPR: RSILLER

INITIAL REVISION:

DRWN: FDAFERNER

APPR: RSILLER

2023/04/18

2023/04/19

2023/04/19

2021/02/15

2022/07/12

molex

REC U12 XP XC FE M16 FM SOL BRASS NI

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1204040026

DOC TYPE

PSD

DOC PART

000

REVISION

B

SEE PART LIST

GENERAL MARKET

3 OF 3

DOCUMENT STATUS

P1

RELEASE DATE

2023/04/19

14:38:31

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