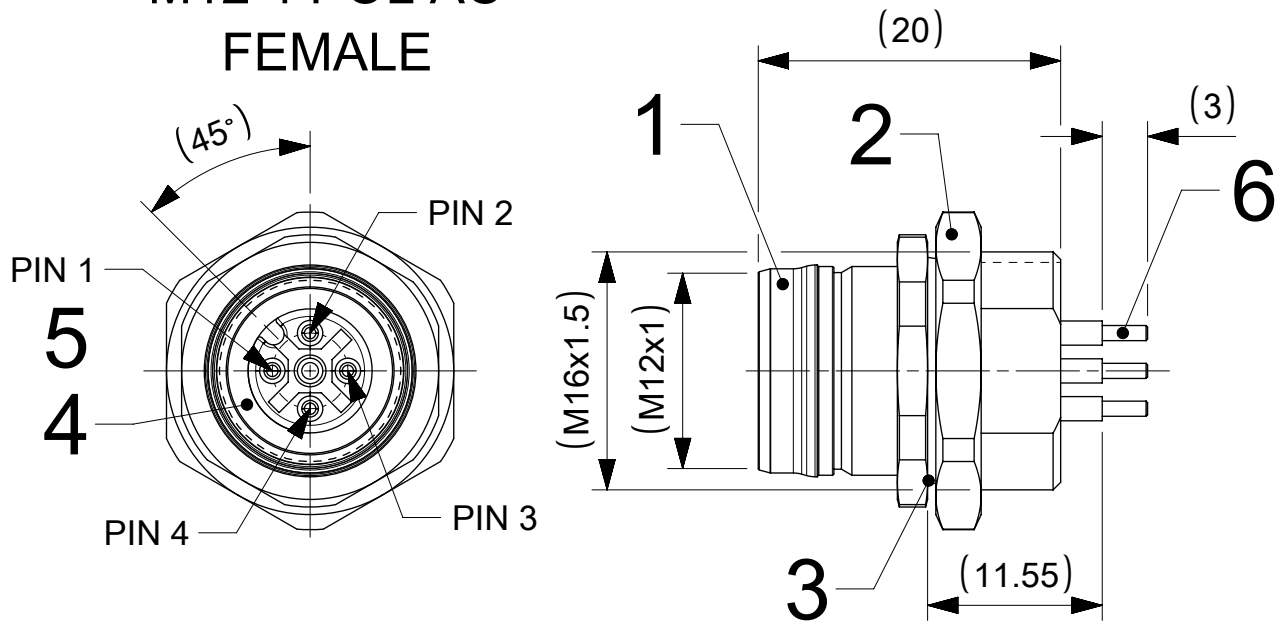
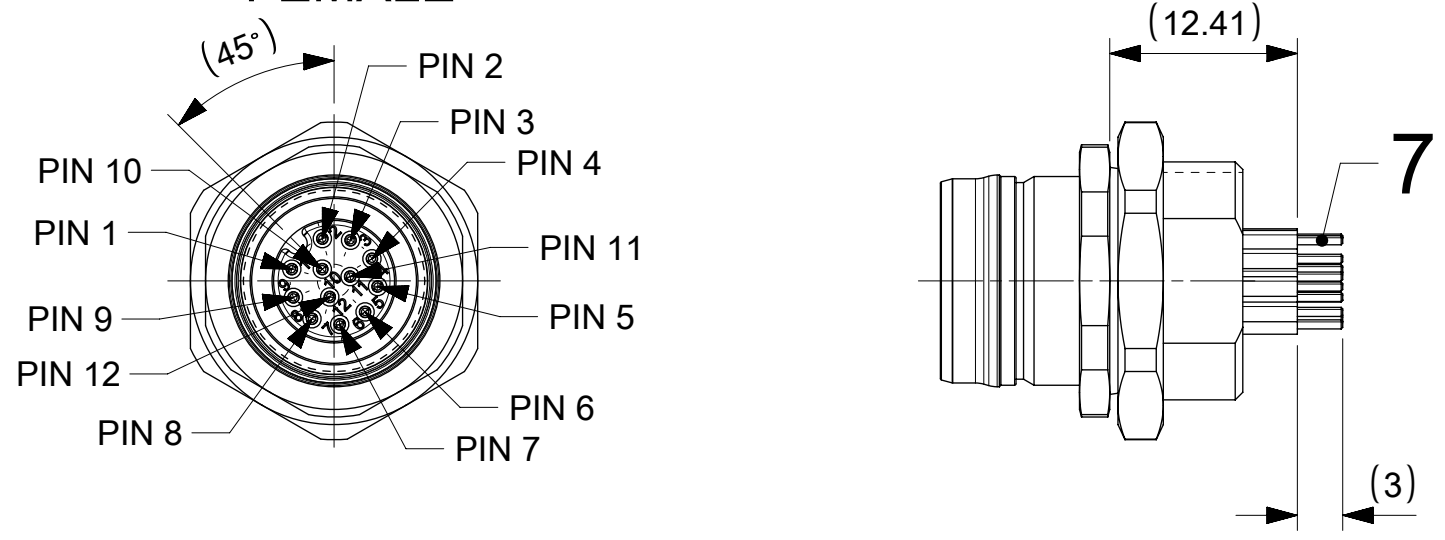


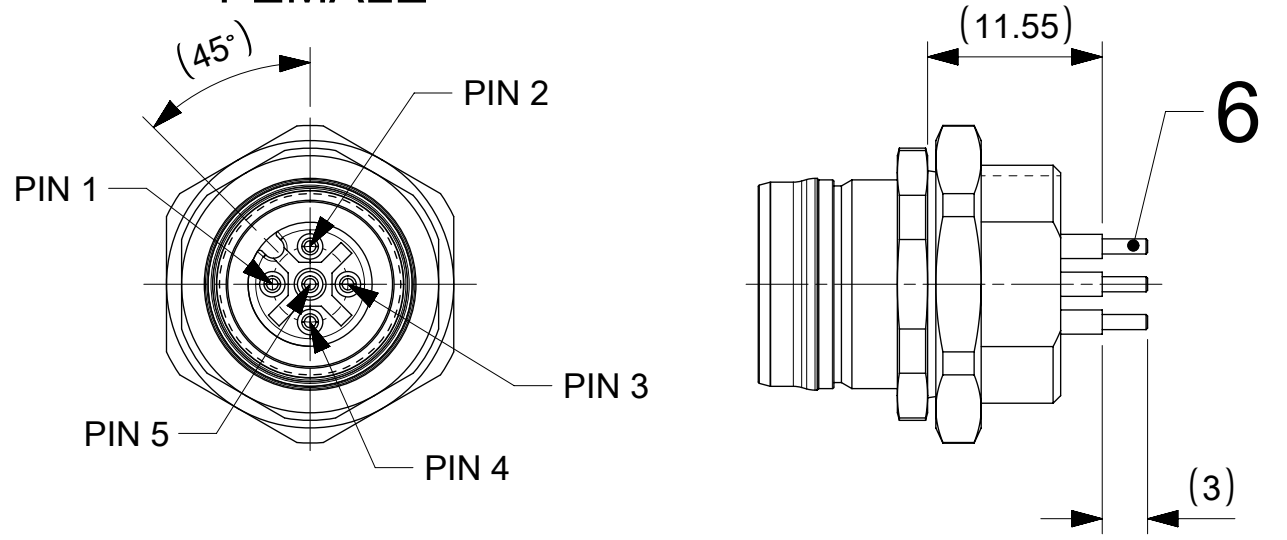
M12 4 POL AC
FEMALE



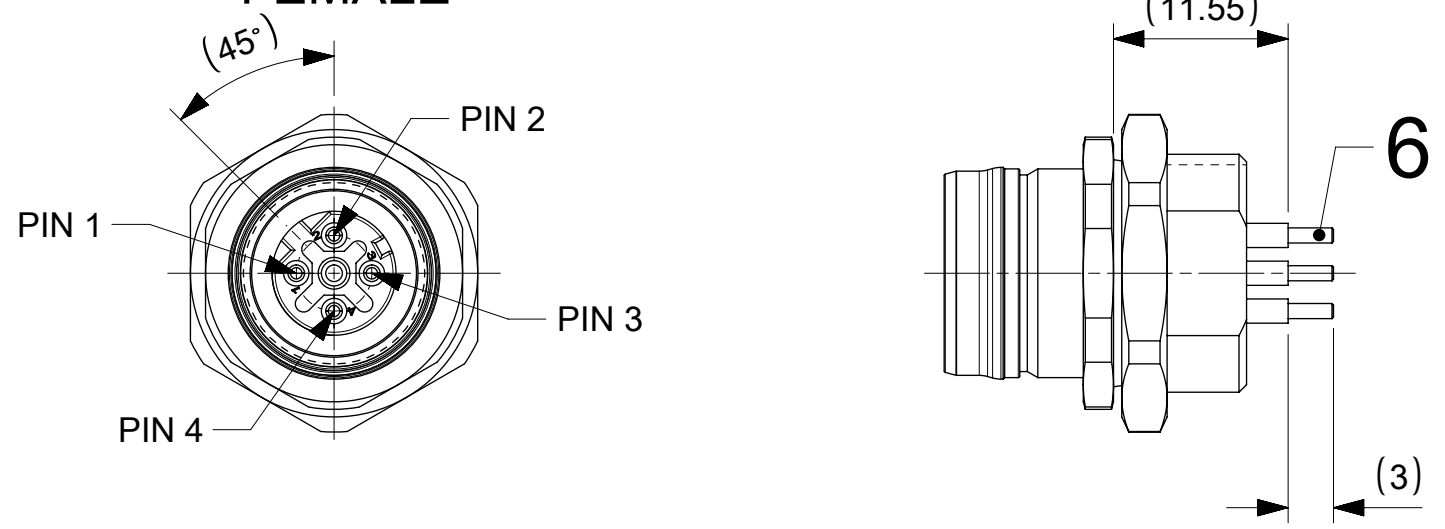
M12 12 POL AC
FEMALE



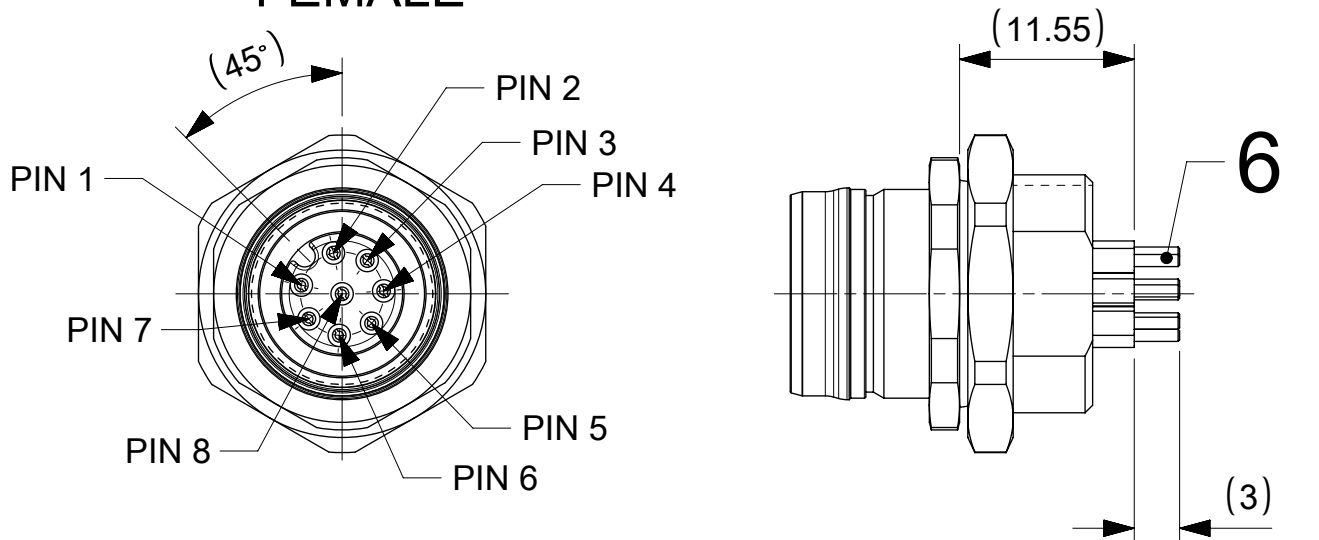
M12 5 POL AC
FEMALE



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		±		EC NO: 746703		2023/04/18		PRODUCT CUSTOMER DRAWING					
	3 PLACES		±		DRWN: FDAFERNER		2023/04/19							
	2 PLACES		± 0.05		CHK'D: RSILLER		2023/04/19		DOCUMENT NUMBER 1204040026					
	1 PLACE		± 0.3		APPR: RSILLER		2023/04/19						DOC TYPE	
	0 PLACES		± 0.5		INITIAL REVISION:				2021/02/15					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
				A3-SIZE		120404		SEE PART LIST		GENERAL MARKET		1 OF 3		

10	9	8	7	
TABLE 1 - 4P 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 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]

