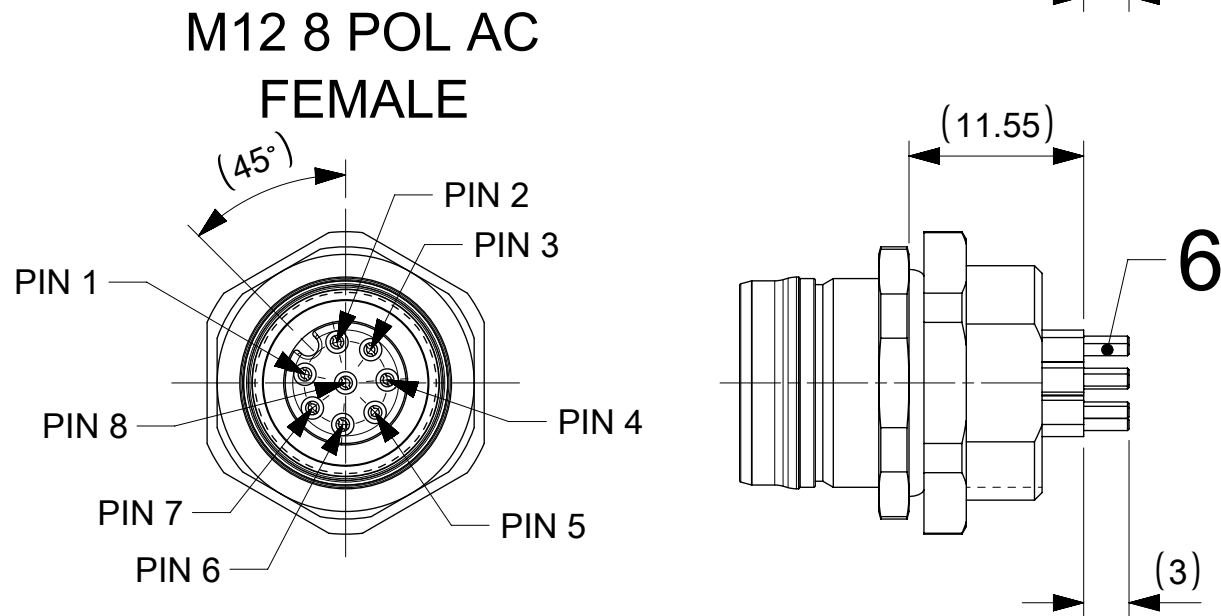
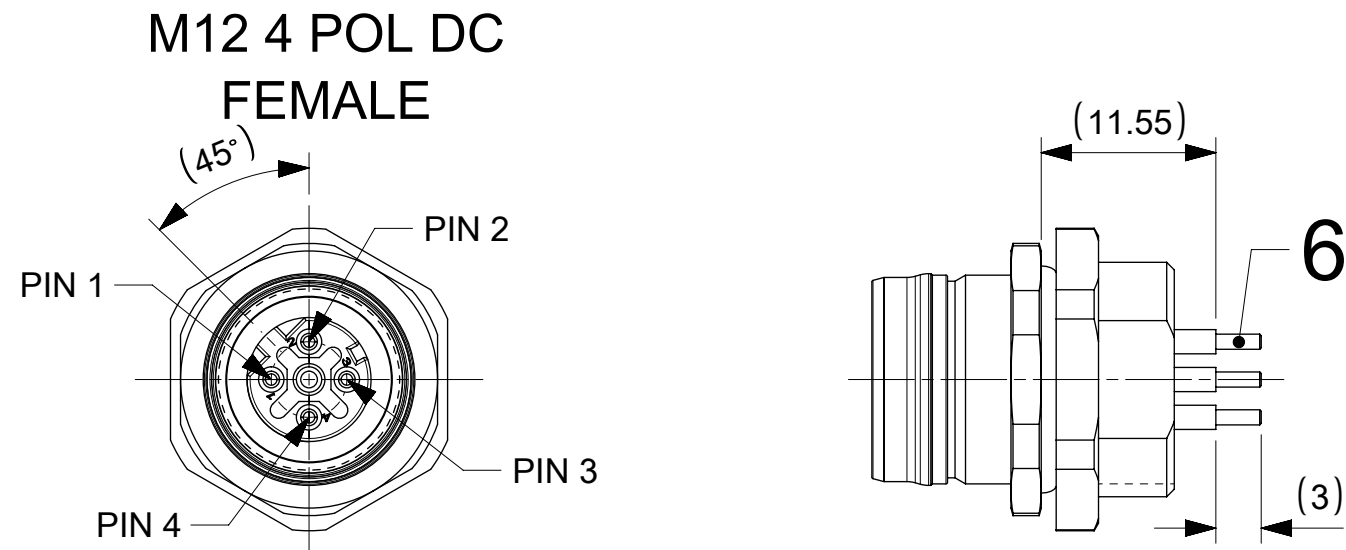
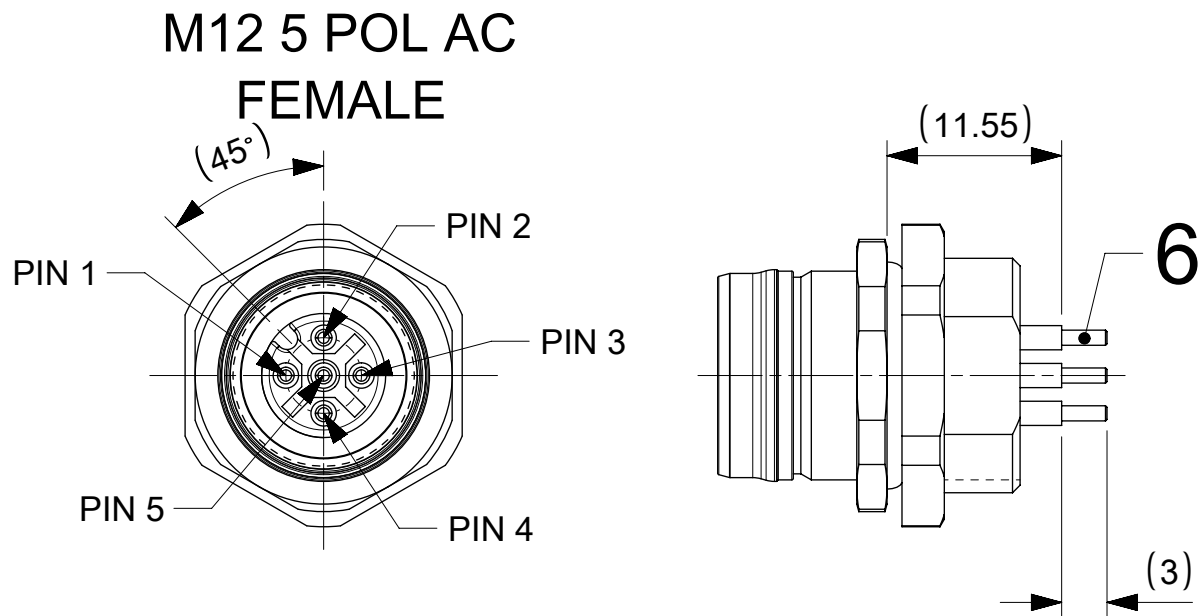
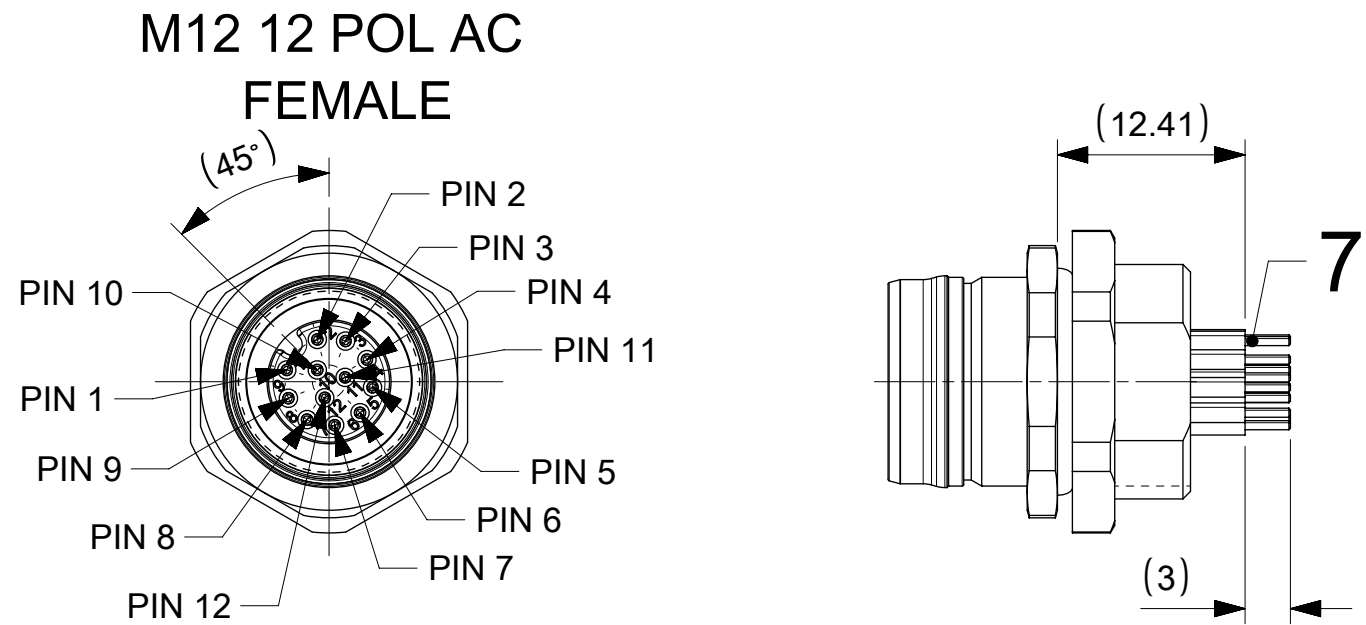
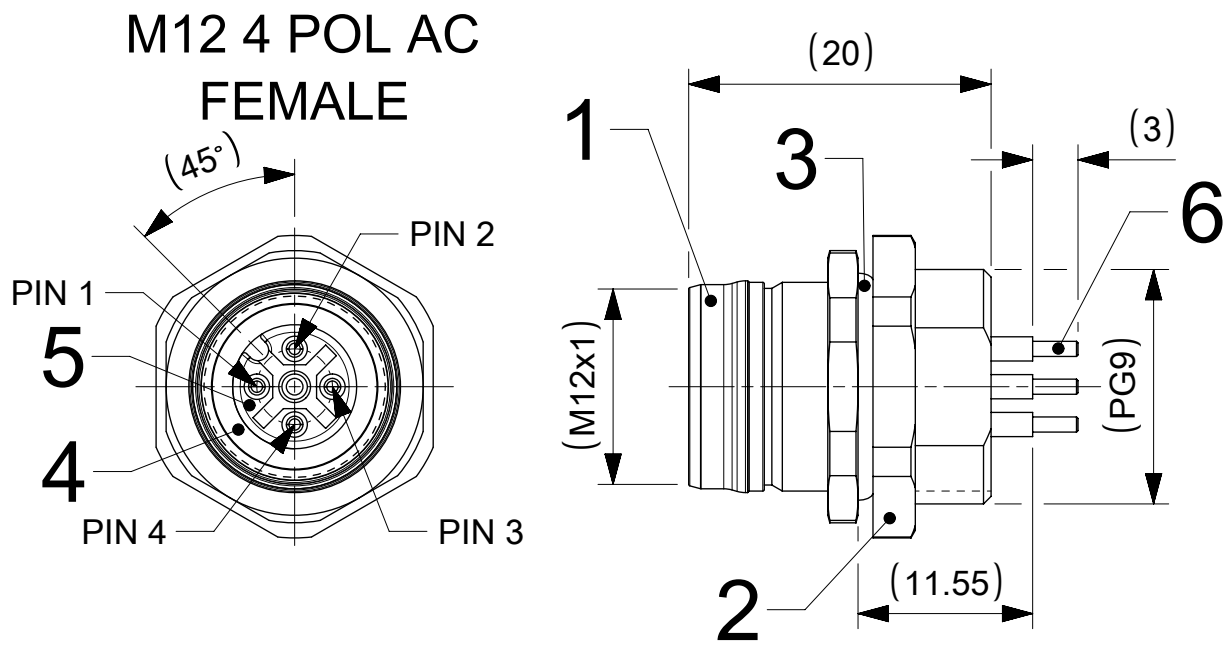




FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS		SCALE		CURRENT REV DESC: DIMENSIONS OF THE CONTACT POSITION OF THE 12P RECEPTACLE UPDATED			molex		
	mm		2:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
$\nabla_A = 0$		ANGULAR TOL ± 1.0°		REC U12 XP XC FE PG9 FM SOL BRASS NI						
$\nabla_F = 0$		4 PLACES ±								
$\nabla_P = 0$		3 PLACES ±								
DIVISIONAL SYMBOLS	2 PLACES ± 0.05		EC NO: 746703 DRWN: FDAFERNER 2023/04/18 CHK'D: RSILLER 2023/04/19 APPR: RSILLER 2023/04/19			PRODUCT CUSTOMER DRAWING				
	1 PLACE ± 0.3									
	0 PLACES ± 0.5									
	INITIAL REVISION: DRWN: FDAFERNER 2022/07/16 APPR: RSILLER 2022/07/13			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
				1204040016		PSD	000	B		
	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	

TABLE 1 - 4P A-CODE

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	SHELL PG9 FE BRASS FM L20 NI REC U12	BRASS	Ni
2	1	NUT PG9 BRASS NI HEX	BRASS	Ni
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	-	-

TABLE 2 - 5P A-CODE

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	SHELL PG9 FE BRASS FM L20 NI REC U12	BRASS	Ni
2	1	NUT PG9 BRASS NI HEX	BRASS	Ni
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	-	-

TABLE 3 - 8P A-CODE

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	SHELL PG9 FE BRASS FM L20 NI REC U12	BRASS	Ni
2	1	NUT PG9 BRASS NI HEX	BRASS	Ni
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
1204040016	YR4J20000	REC U12 4P AC FE PG9 FM SOL BRASS NI

PART LIST 5P AC

MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION
1204040017	YR5J20000	REC U12 5P AC FE PG9 FM SOL BRASS NI

PART LIST 8P AC

MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION
1204040018	YR8J20000	REC U12 8P AC FE PG9 FM SOL BRASS NI

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/19	14:38:30
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TABLE 4 - 12P A-CODE

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	SHELL PG9 FE BRASS FM L20 NI REC U12	BRASS	Ni
2	1	NUT PG9 BRASS NI HEX	BRASS	Ni
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	BRASS	Au
8	-	POTTING MATERIAL	-	-

TABLE 5 - 4P D-CODE

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	SHELL PG9 FE BRASS FM L20 NI REC U12	BRASS	Ni
2	1	NUT PG9 BRASS NI HEX	BRASS	Ni
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
1204040019	YRCJ20000	REC U12 12P AC FE PG9 FM SOL BRASS NI

PART LIST 4P DC

MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION
1204062002	ERYD2J20000	REC U12 4P DC FE PG9 FM SOL BRASS NI

FUNCTIONAL SYMBOLS F = 0 F = 0 F = 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			CURRENT REV DESC: DIMENSIONS OF THE CONTACT POSITION OF THE 12P RECEPTACLE UPDATED EC NO: 746703 DRWN: FDAFERNER2023/04/18 CHK'D: RSILLER2023/04/19 APPR: RSILLER2023/04/19 INITIAL REVISION: DRWN: FDAFERNER2021/02/16 APPR: RSILLER2022/07/13						molex								
	mm			2:1									REC U12 XP XC FE PG9 FM SOL BRASS NI								
	GENERAL TOLERANCES (UNLESS SPECIFIED)																				
	ANGULAR TOL ± 1.0 °																				
	4 PLACES			±															PRODUCT CUSTOMER DRAWING		
	3 PLACES			±			DOCUMENT NUMBER						DOC TYPE		DOC PART		REVISION				
	2 PLACES			± 0.05			1204040016						PSD		000		B				
	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		
									A3-SIZE		120404		SEE PART LIST			GENERAL MARKET			2 OF 3		

