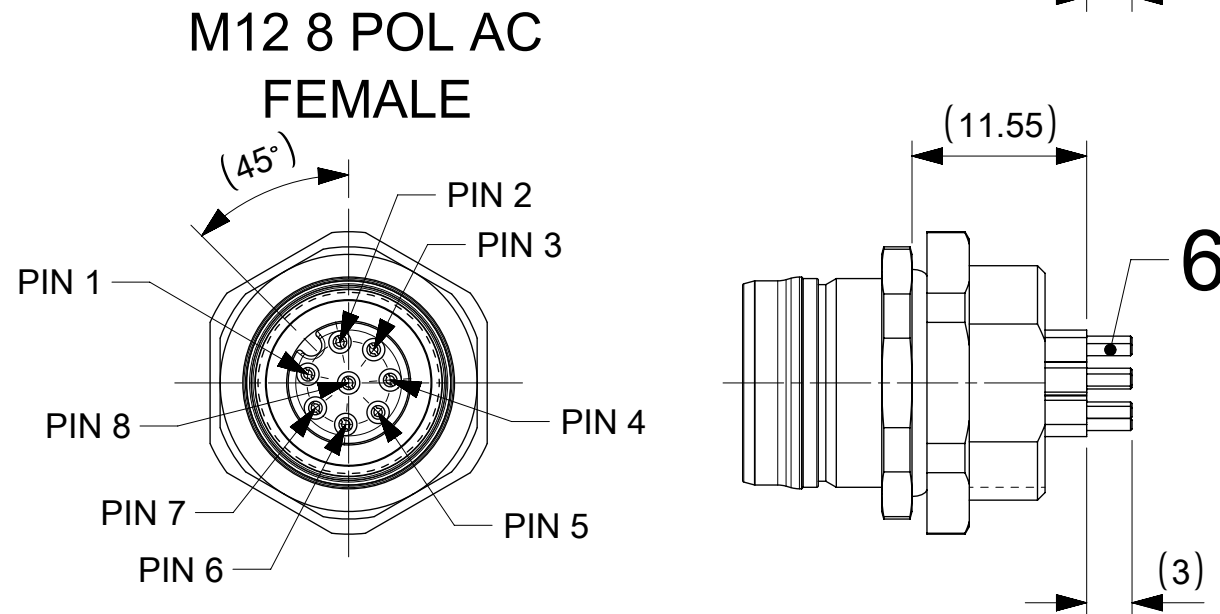
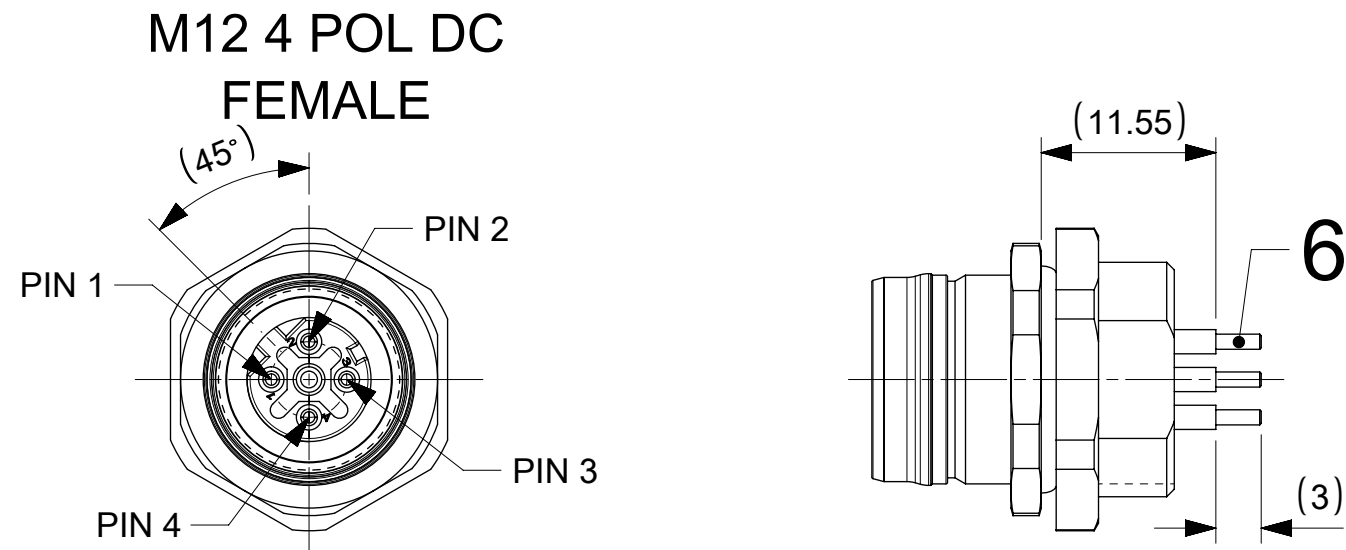
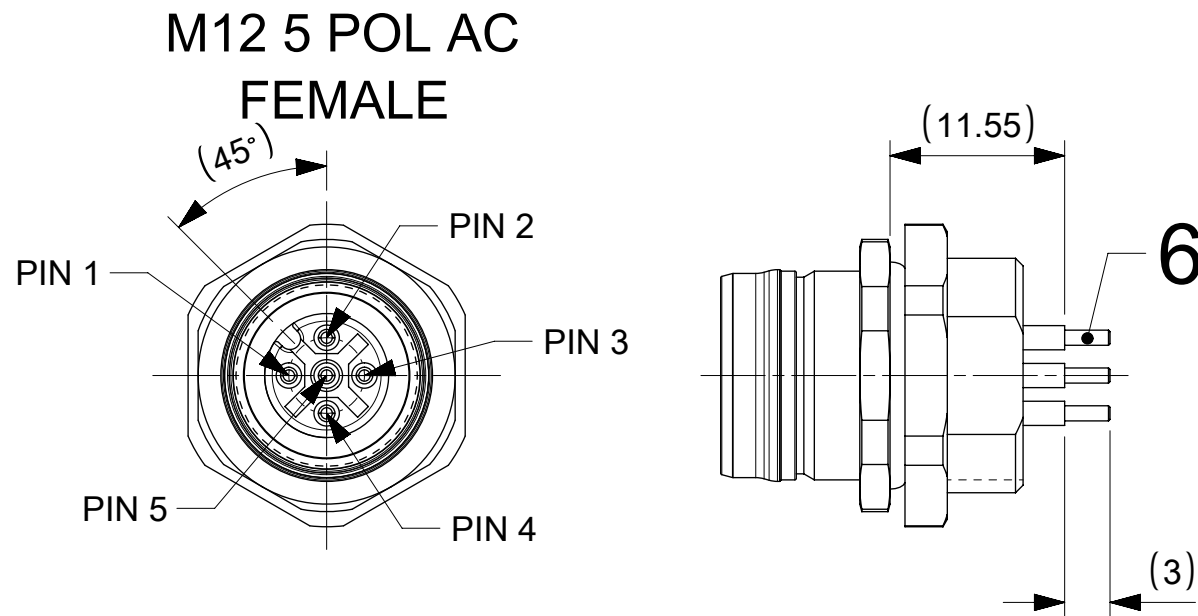
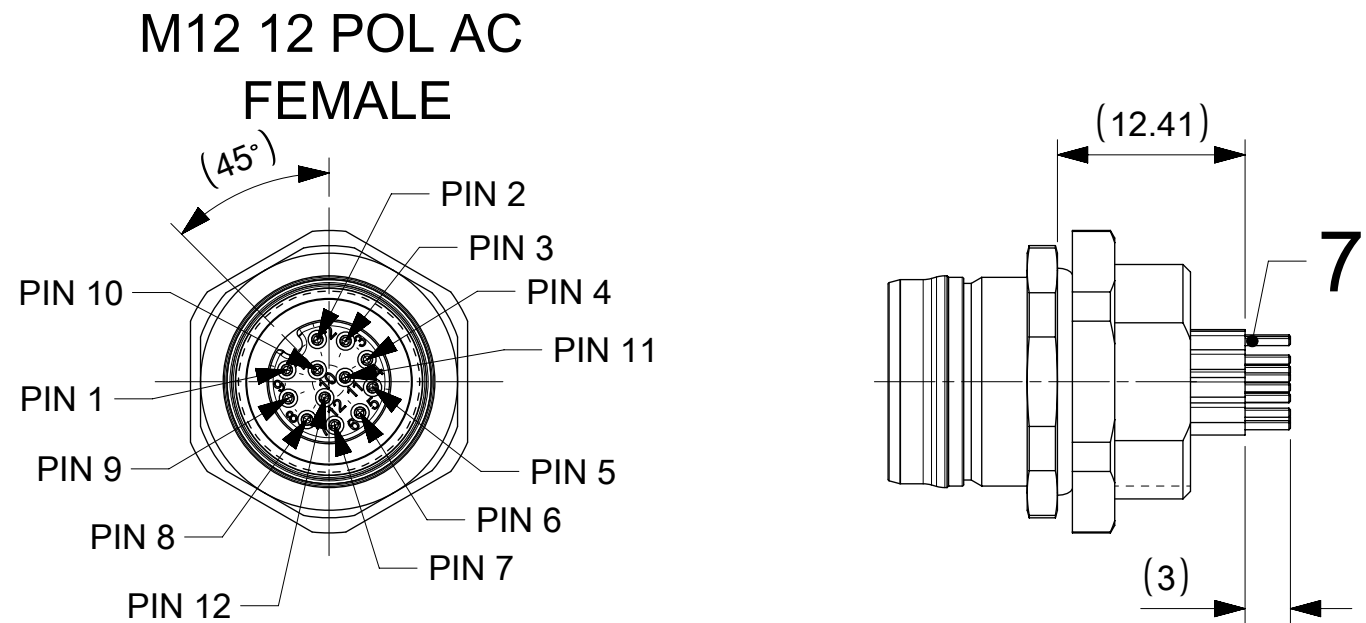
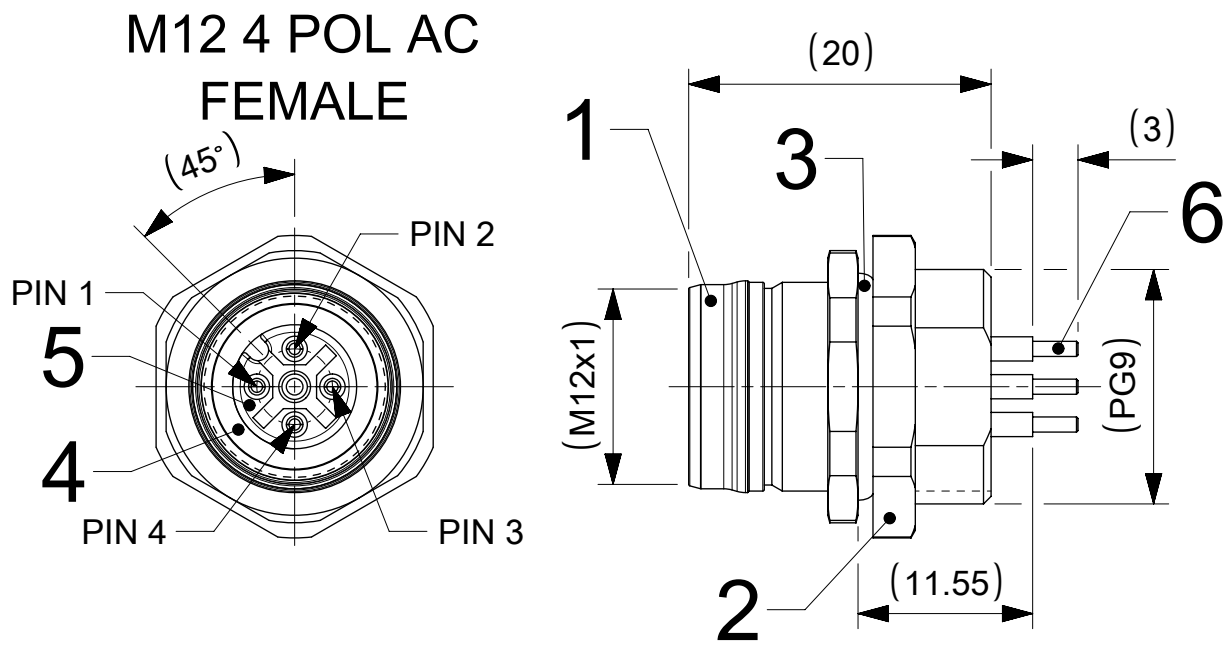




FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																								
	DIMENSION UNITS		SCALE		CURRENT REV DESC: DIMENSIONS OF THE CONTACT POSITION OF THE 12P RECEPTACLE UPDATED			molex REC U12 XP XC FE PG9 FM SOL BRASS NI																	
	mm		2:1																						
GENERAL TOLERANCES (UNLESS SPECIFIED)																									
	ANGULAR TOL ± 1.0 °		EC NO: 746703 DRWN: FDAFERNER 2023/04/18 CHK'D: RSILLER 2023/04/19 APPR: RSILLER 2023/04/19			PRODUCT CUSTOMER DRAWING																			
	4 PLACES ±																								
	3 PLACES ±																								
DIVISIONAL SYMBOLS	2 PLACES ± 0.05		INITIAL REVISION: DRWN: FDAFERNER 2022/07/16 APPR: RSILLER 2022/07/13			DOCUMENT NUMBER 1204040016		DOC TYPE PSD		DOC PART 000		REVISION B													
	1 PLACE ± 0.3																								
	0 PLACES ± 0.5																								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 120404		MATERIAL NUMBER SEE PART LIST		CUSTOMER GENERAL MARKET		SHEET NUMBER 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				molex REC U12 XP XC FE PG9 FM SOL BRASS NI						
	mm		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1.0 °														
	4 PLACES				EC NO: 746703				PRODUCT CUSTOMER DRAWING						
	3 PLACES				DRWN: FDAFERNER 2023/04/18										
	2 PLACES		± 0.05		CHK'D: RSILLER 2023/04/19										
	1 PLACE		± 0.3		APPR: RSILLER 2023/04/19				DOCUMENT NUMBER 1204040016						
	0 PLACES		± 0.5		INITIAL REVISION: DRWN: FDAFERNER 2021/02/16 APPR: RSILLER 2022/07/13										DOC TYPE PSD
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 120404		MATERIAL NUMBER SEE PART LIST		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 3	

