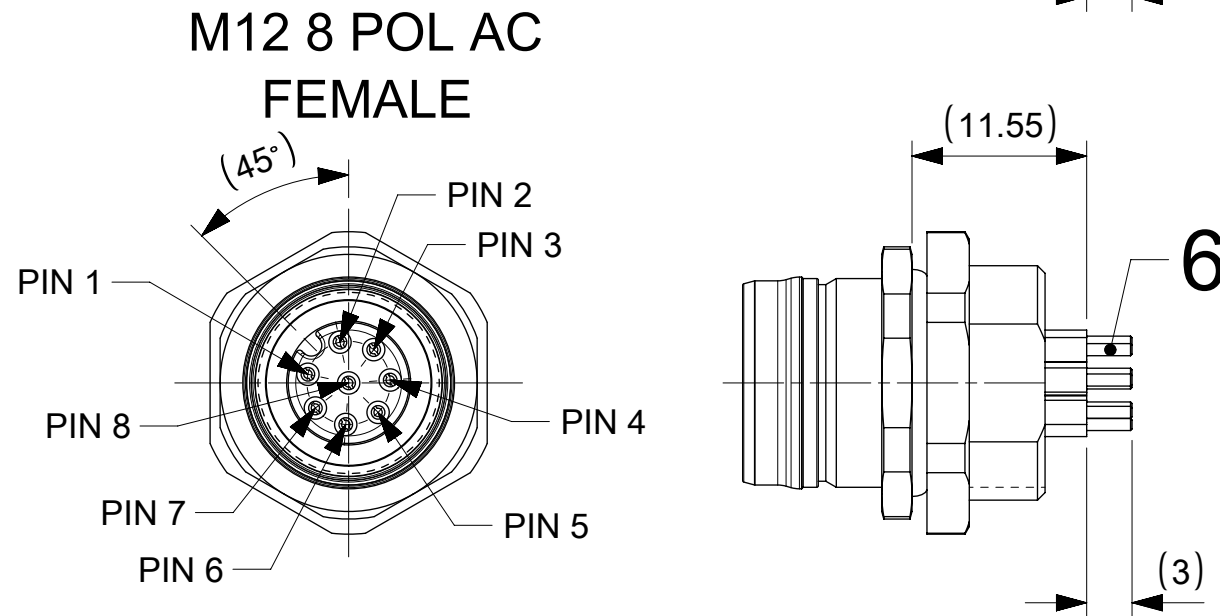
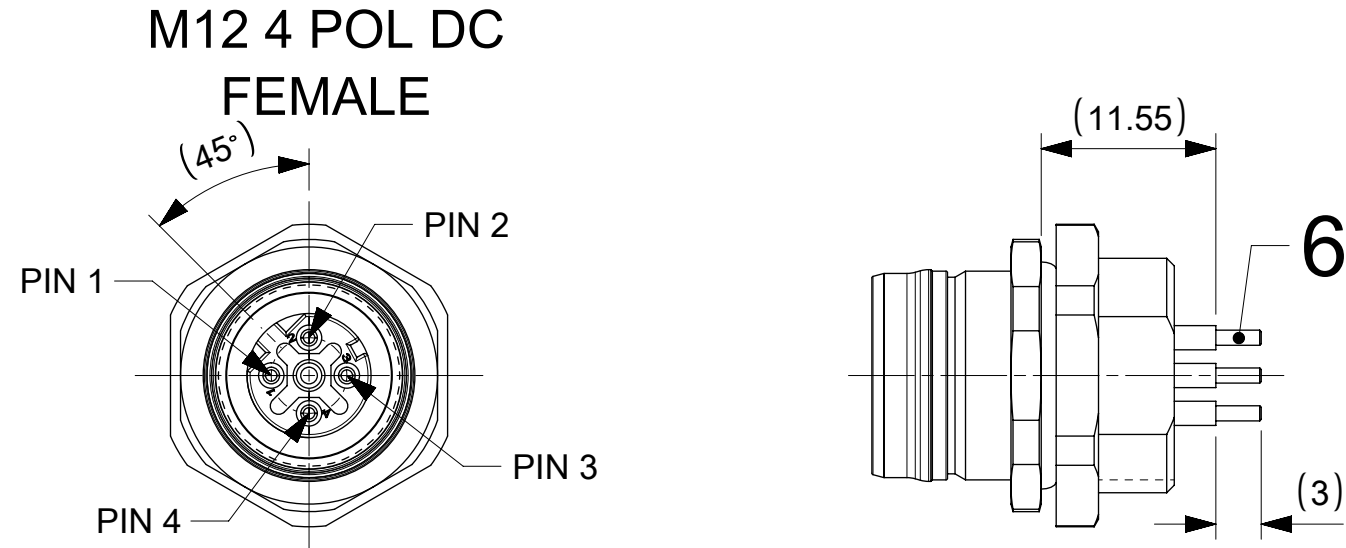
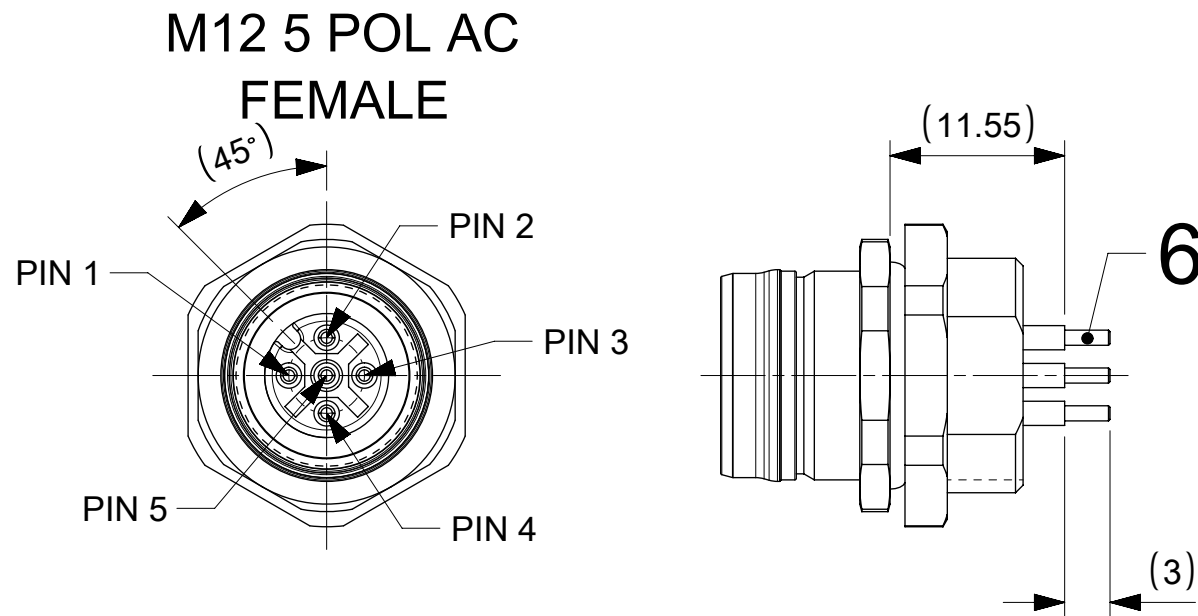
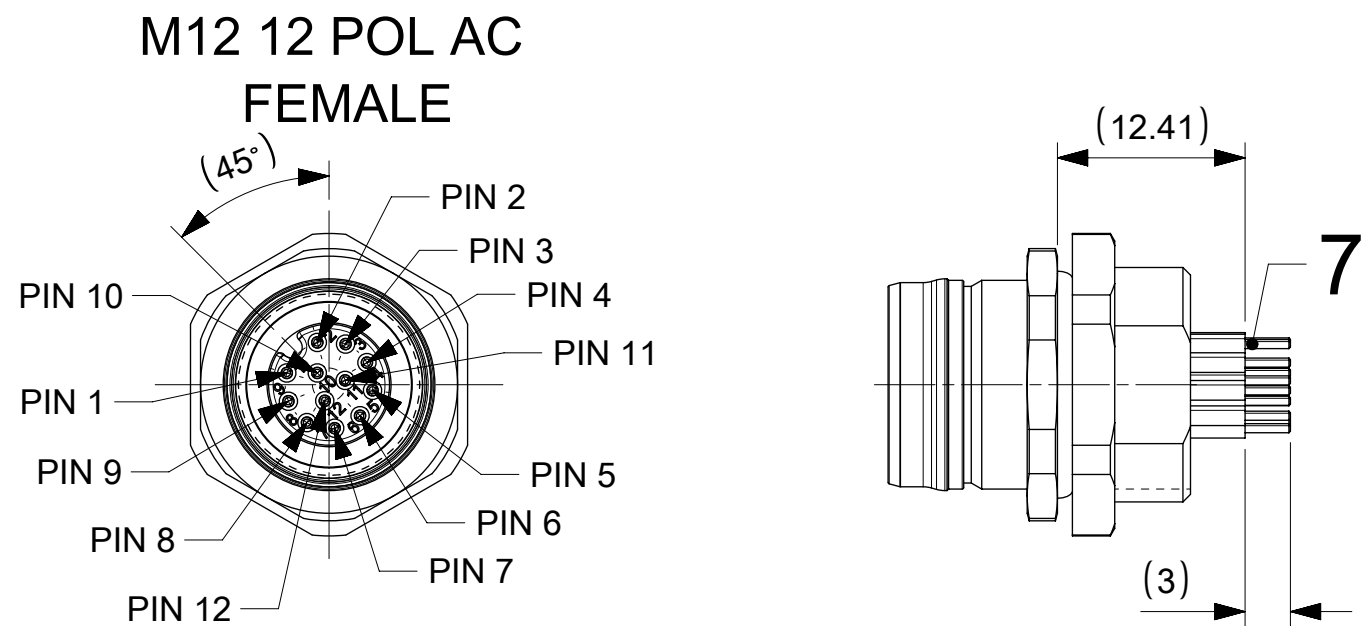
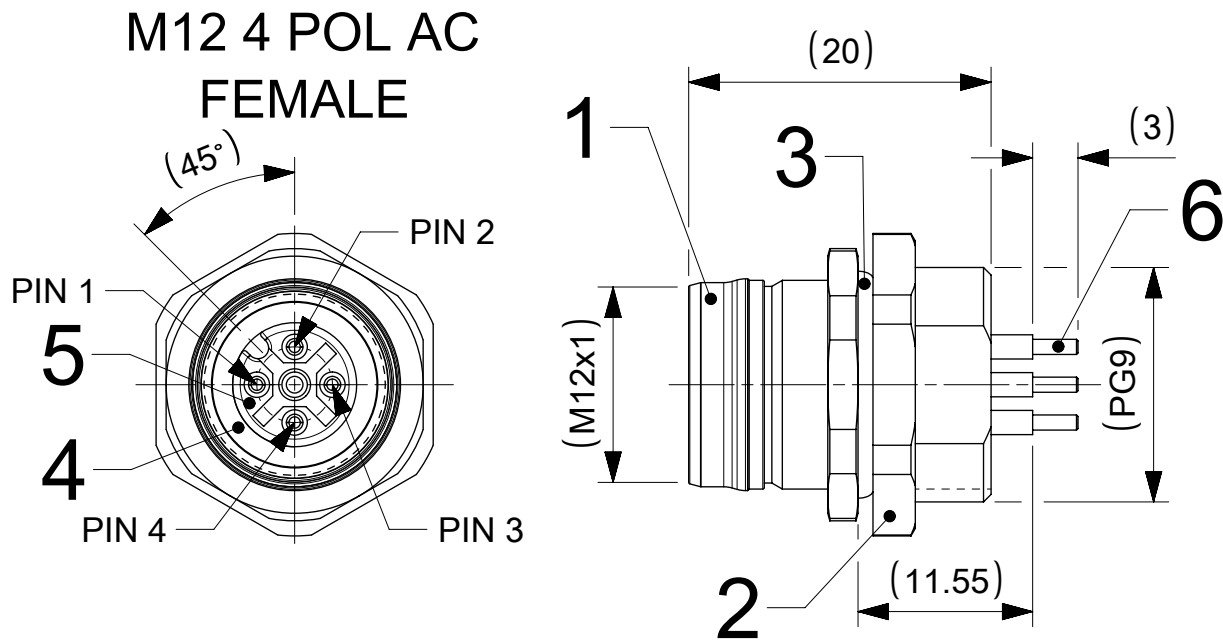




FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: DIMENSIONS OF THE CONTACT POSITION OF THE 12P RECEPTACLE UPDATED				molex			
	DIMENSION UNITS	SCALE								
$\nabla_A = 0$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

REC U12 XP XC FE PG9 FM SOL BRASS NI

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1204040016

DOC TYPE

PSD

DOC PART

000

REVISION

B

MATERIAL NUMBER

SEE PART LIST

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3

