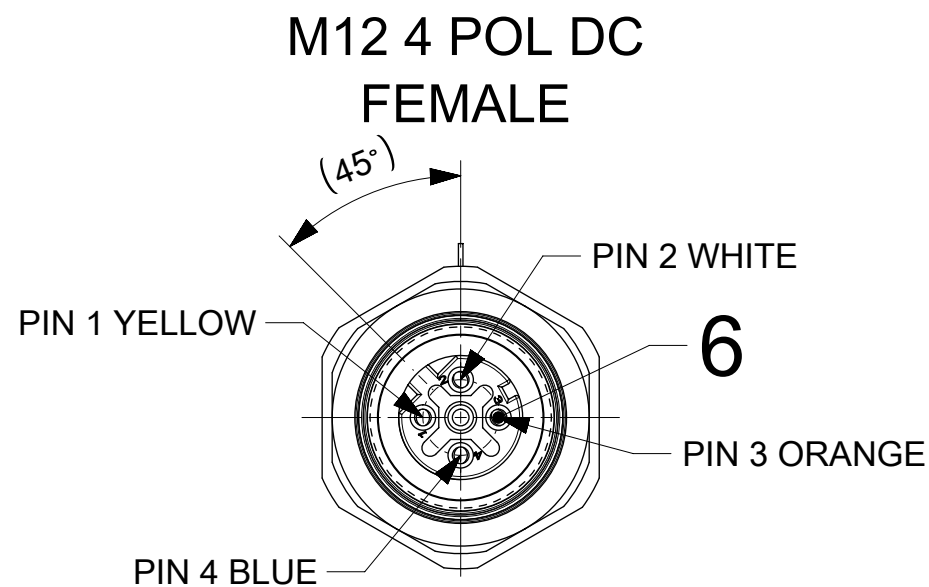
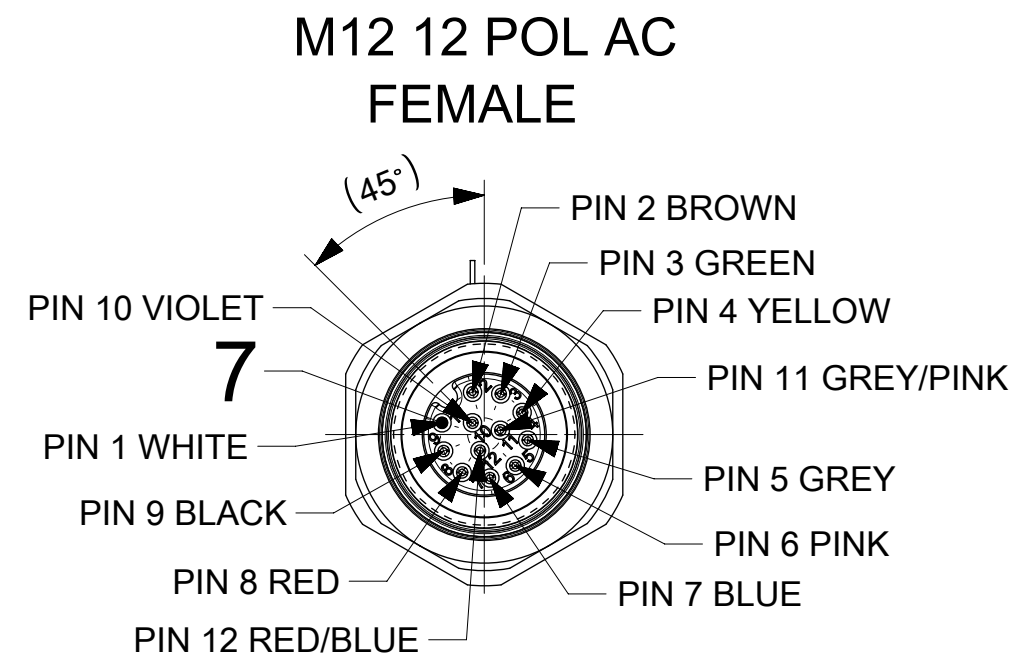
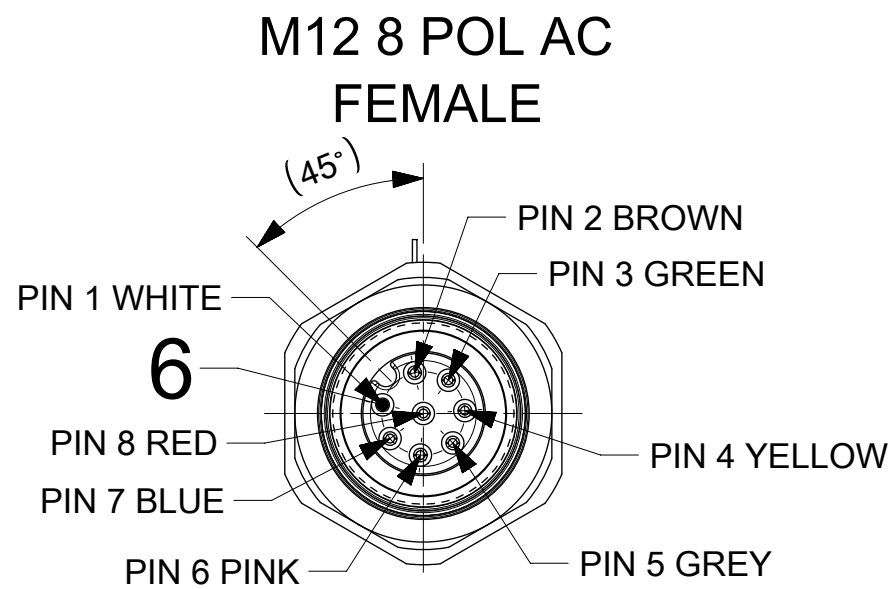
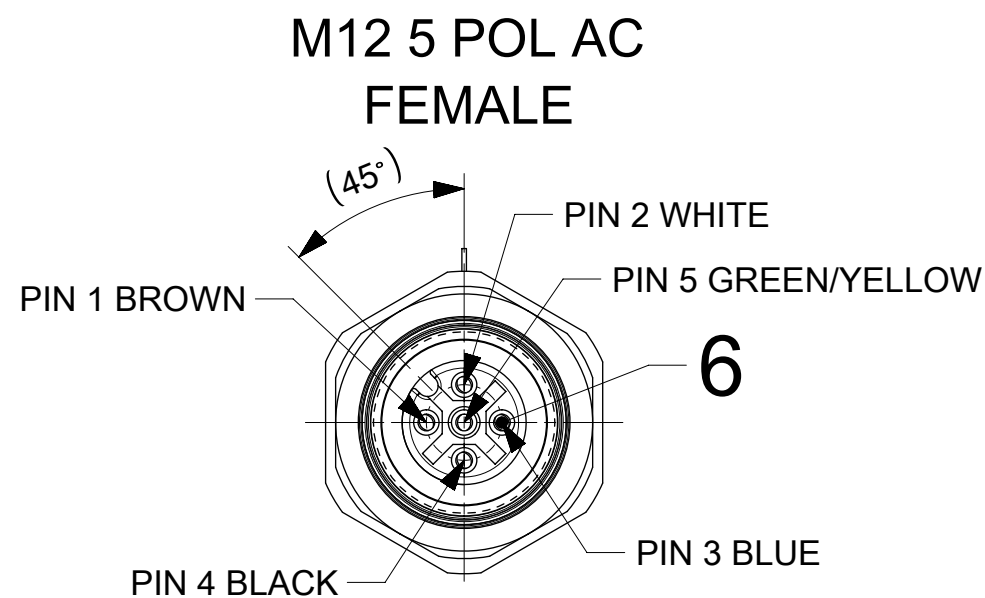
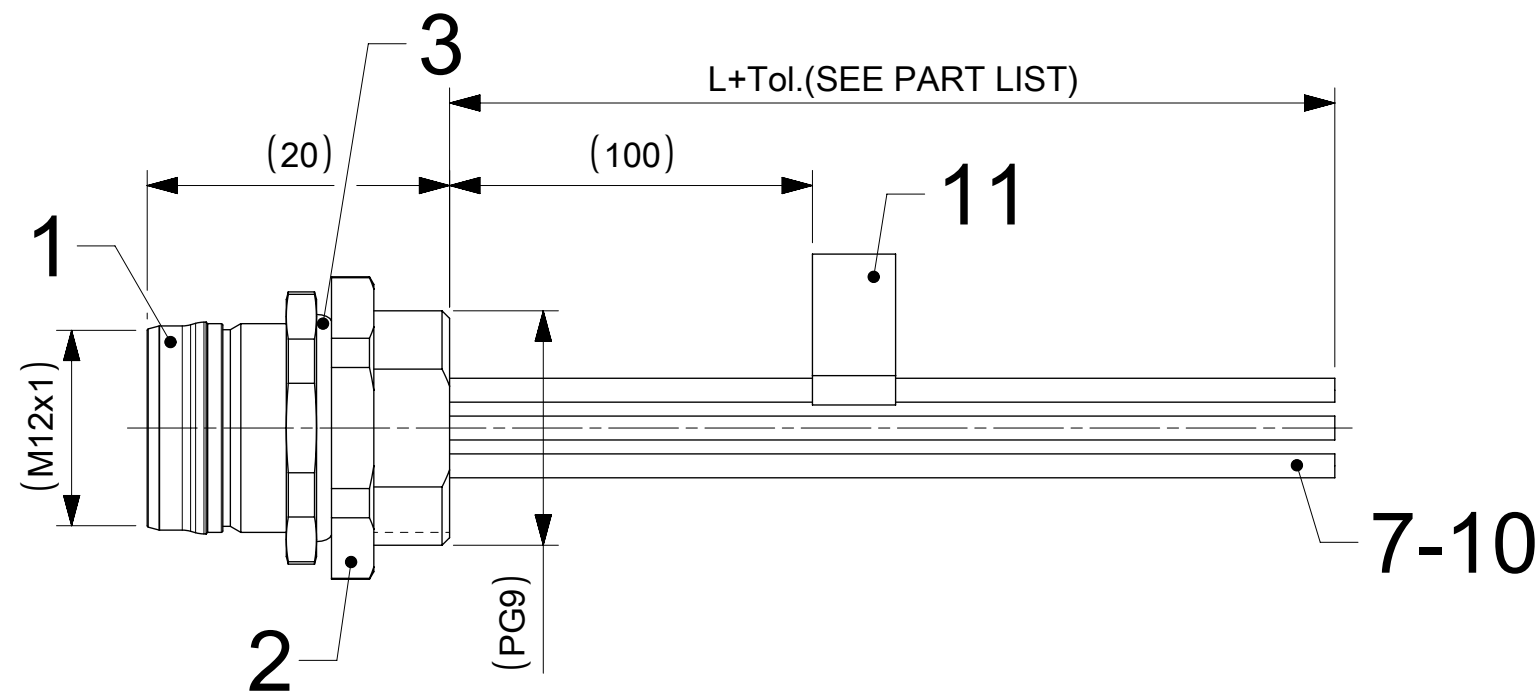
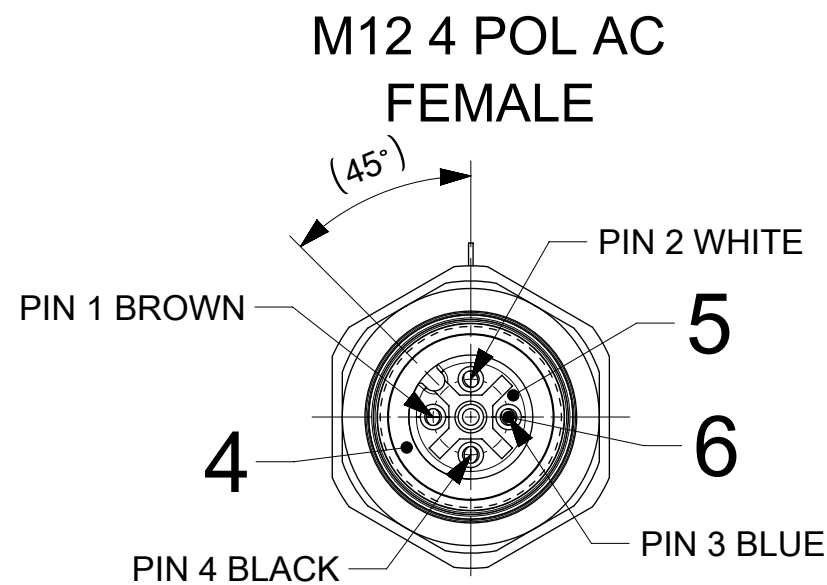




FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
	DIMENSION UNITS		SCALE		CURRENT REV DESC: CHANGED MIN. TEMP. IN TABLE			molex								
	mm		2:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 736602 DRWN: RSCHIEBER 2023/01/30 CHK'D: RSILLER 2023/01/31 APPR: RSILLER 2023/01/31					REC U12 XP XC FE PG9 FM WIR BRASS NI XM								
ANGULAR TOL ± 1.0 °																
DIVISIONAL SYMBOLS	4 PLACES					±		INITIAL REVISION: DRWN: FDAFERNER 2021/02/16 APPR: RSILLER 2022/07/13			PRODUCT CUSTOMER DRAWING					
	3 PLACES		±		DOCUMENT NUMBER						DOC TYPE		DOC PART		REVISION	
	2 PLACES		± 0.05		1204040011						PSD		000		A1	
	1 PLACE		± 0.3													
	0 PLACES		± 0.5													
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING				SERIES		MATERIAL NUMBER		CUSTOMER	
						A3-SIZE		120404		SEE PART LIST		GENERAL MARKET		1 OF 3		

10	9	8	7	6	5	4	3	2	1
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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;BN;1.58;PVC;17x0.16;UL1569		BROWN					
9	1	WIRE;22AWG;BK;1.58;PVC;17x0.16;UL1569		BLACK					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
12	-	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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;BN;1.58;PVC;17x0.16;UL1569		BROWN					
9	1	WIRE;22AWG;BK;1.58;PVC;17x0.16;UL1569		BLACK					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	WIRE;20AWG;GN;YE;1.76;PVC;26x0.16;UL1569		GREEN/YELLOW					
12	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
13	-	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							
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	CONTACT 8 FE TUR AU CR SHORT 7/8POLE	BRASS	Au					
7	1	WIRE;24AWG;BU;1.43;PVC;11x0.16;UL1569	PVC	BLUE					
8	1	WIRE;24AWG;BN;1.43;PVC;11x0.16;UL1569		BROWN					
9	1	WIRE;24AWG;YE;1.43;PVC;11x0.16;UL1569		YELLOW					
10	1	WIRE;24AWG;GN;1.43;PVC;11x0.16;UL1569		GREEN					
11	1	WIRE;24AWG;GY;1.43;PVC;11x0.16;UL1569		GREY					
12	1	WIRE;24AWG;PK;1.43;PVC;11x0.16;UL1569		PINK					
13	1	WIRE;24AWG;RD;1.43;PVC;11x0.16;UL1569		RED					
14	1	WIRE;24AWG;WH;1.43;PVC;11x0.16;UL1569		WHITE					
15	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
16	-	POTTING MATERIAL	-	-					
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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;OG;1.58;PVC;17x0.16;UL1569		ORANGE					
9	1	WIRE;22AWG;YE;1.58;PVC;17x0.16;UL1569		YELLOW					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
12	-	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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;OG;1.58;PVC;17x0.16;UL1569		ORANGE					
9	1	WIRE;22AWG;YE;1.58;PVC;17x0.16;UL1569		YELLOW					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
12	-	POTTING MATERIAL	-	-					
TABLE 6 - 12P 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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;OG;1.58;PVC;17x0.16;UL1569		ORANGE					
9	1	WIRE;22AWG;YE;1.58;PVC;17x0.16;UL1569		YELLOW					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
12	-	POTTING MATERIAL	-	-					
TABLE 7 - 12P 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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;OG;1.58;PVC;17x0.16;UL1569		ORANGE					
9	1	WIRE;22AWG;YE;1.58;PVC;17x0.16;UL1569		YELLOW					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
12	-	POTTING MATERIAL	-	-					
TABLE 8 - 12P 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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;OG;1.58;PVC;17x0.16;UL1569		ORANGE					
9	1	WIRE;22AWG;YE;1.58;PVC;17x0.16;UL1569		YELLOW					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
12	-	POTTING MATERIAL	-	-					
TABLE 9 - 12P 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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;OG;1.58;PVC;17x0.16;UL1569		ORANGE					
9	1	WIRE;22AWG;YE;1.58;PVC;17x0.16;UL1569		YELLOW					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
12	-	POTTING MATERIAL	-	-					
TABLE 10 - 12P 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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;OG;1.58;PVC;17x0.16;UL1569		ORANGE					
9	1	WIRE;22AWG;YE;1.58;PVC;17x0.16;UL1569		YELLOW					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
12	-	POTTING MATERIAL	-	-					
TABLE 11 - 12P 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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;OG;1.58;PVC;17x0.16;UL1569		ORANGE					
9	1	WIRE;22AWG;YE;1.58;PVC;17x0.16;UL1569		YELLOW					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
12	-	POTTING MATERIAL	-	-					
TABLE 12 - 12P 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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;OG;1.58;PVC;17x0.16;UL1569		ORANGE					
9	1	WIRE;22AWG;YE;1.58;PVC;17x0.16;UL1569		YELLOW					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
12	-	POTTING MATERIAL	-	-					
TABLE 13 - 12P 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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;OG;1.58;PVC;17x0.16;UL1569		ORANGE					
9	1	WIRE;22AWG;YE;1.58;PVC;17x0.16;UL1569		YELLOW					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
12	-	POTTING MATERIAL	-	-					
TABLE 14 - 12P 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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;OG;1.58;PVC;17x0.16;UL1569		ORANGE					
9	1	WIRE;22AWG;YE;1.58;PVC;17x0.16;UL1569		YELLOW					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
12	-	POTTING MATERIAL	-	-					
TABLE 15 - 12P 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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;OG;1.58;PVC;17x0.16;UL1569		ORANGE					
9	1	WIRE;22AWG;YE;1.58;PVC;17x0.16;UL1569		YELLOW					
10	1	WIRE;22AWG;WH;1.58;PVC;17x0.16;UL1569		WHITE					
11	1	LABEL;SELF L.YELLOW(2.25X.75IN)	VINYL	YELLOW					
12	-	POTTING MATERIAL	-	-					
TABLE 16 - 12P 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							
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	CONTACT 10 FE STA AU CR WRA 0.14-0.50	BRASS	Au					
7	1	WIRE;22AWG;BU;1.58;PVC;17x0.16;UL1569	PVC	BLUE					
8	1	WIRE;22AWG;OG;1.58;PVC;17x0.16;UL1569		ORANGE					
9	1	WIRE;22AWG;YE;1.58							

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