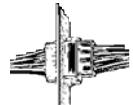
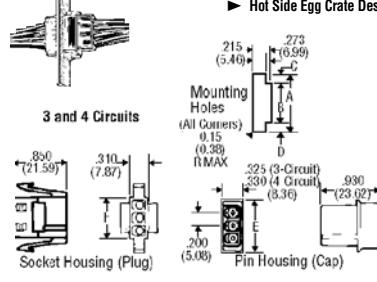


Commercial MATE-N-LOK® Connectors

Panel Mount Connectors

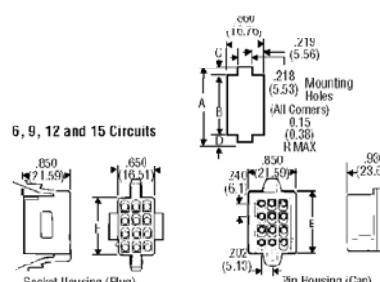


3 and 4 Circuits

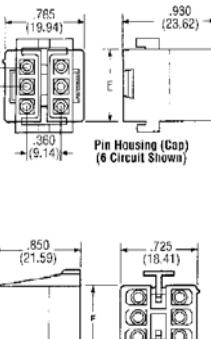


- Easy Cavity Identification
- Locking Devices are Integral Part of Design, Connector Halves will Hold Together Under Severe Conditions of Vibration and Shock
- Built-In Contact Stabilization and Self-Aligning Features
- Hot Side Egg Crate Design for Safety
- Precision Molded to Exacting Tolerance
- Recommended Panel Thickness, 0.025"-0.065" (0.064-1.65 mm)
- Natural Color UL 94V-2 Rated Nylon — Fully Polarized
- UL Rated for 250 V AC or DC

6, 9, 12 and 15 Circuits



Motor Mount Connectors



- Positive Lock
- Dual Row
- UL 94V-2 Nylon, Natural

Mounting Information: 1. Recommended panel thickness "E" is 0.040"-0.100" (1.02-2.54 mm) and is dependent on "T" and "R"; 2. The pin housing must be inserted in a rocking manner; 3. The panel must be punched so that the housing enters the panel in the same direction as the punch. **Note:** Motor mount housings may be used in flat panels.

No. of Circuits	Mounting Hole Dimensions Inches (mm)			Connector Dimensions Inches (mm)		
	A	B	C	D	E	F
3	0.910 (23.11)	0.645-0.635 (16.38-16.13)	0.810 (20.57)	0.630 (16.00)		
4	1.110 (28.19)	0.845-0.835 (21.46-21.21)	1.010 (25.65)	0.830 (21.08)		
6	0.840 (21.34)	0.575-0.570 (14.61-14.48)	0.665 (16.89)	0.565 (14.35)		
9	1.075 (27.31)	0.815-0.810 (20.70-20.57)	0.905 (22.99)	0.805 (20.45)		
12	1.320 (33.53)	1.055-1.050 (26.80-26.67)	1.145 (29.08)	1.045 (26.54)		
15	1.550 (39.37)	1.290-1.285 (32.77-32.64)	1.382 (35.10)	1.280 (32.51)		

Pin Housings (Cap)

Socket Housings (Plug)

Stock No.	Mfr.'s Type	No. of Circuits	EACH		
			1-99	100-499	500-999
512-1350	1-480305-0	3	.19	.17	.14
512-1465	1-480426-0	4	.23	.21	.17
512-1355	1-480276-0	6	.38	.34	.28
512-1360	1-480277-0	9	.67	.60	.50
512-1365	1-480278-0	12	.98	.89	.74
512-1370	1-480324-0	15	1.13	1.01	.85

Stock Housings (Plug)

Stock No.	Mfr.'s Type	No. of Circuits	EACH		
			1-99	100-499	500-999
512-1300	1-480304-0	3	.22	.20	.17
512-1306	1-480425-0	4	.50	.45	.37
512-1305	1-480273-0	6	.63	.57	.47
512-1310	1-480274-0	9	.75	.67	.56
512-1315	1-480275-0	12	.86	.78	.65
512-1320	1-480323-0	15	1.43	1.28	1.07

Free Hanging Connectors

This version of the MATE-N-LOK® Connector provides all the quality features of the panel mount, yet was designed for free-hanging installations. The 2, 3, and 4 circuit configurations feature detent locking housings while the 6, 8, and 10 circuit configurations utilize positive lock housings. A single circuit connector is available with an option of detent or positive lock housings. The multiple circuit connector is available with an option of detent or positive lock housings. The multiple circuit configurations are polarized to assure proper electrical connections.

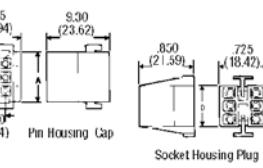
Single Circuits



2, 3 and 4 Circuits



6, 8 and 10 Circuits (6-Circuit Shown)

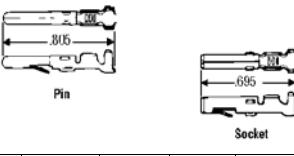


Pin Housing Cap

Socket Housing Plug

MATE-N-LOK® Contacts

(For All Housings On This Page) — Tin Plated Brass



Crimping Tools and Insertion/Extraction Tools



Crimping Tools

Stock No.	Mfr.'s Type	Style	AWG	PKG./100	
				1-4	5-9
512-1301	60618-1	Pin	24-18	8.44	7.60
512-1302	60617-1	Socket	24-18	8.34	7.50
512-1401	60620-1	Pin	20-14	8.34	7.51
512-1402	60619-1	Socket	20-14	8.44	7.52

Positive Lock Socket Housings (Plug)

Pin Housings (Cap)

Stock Housings (Plug)

Pin Housings (Cap)

Stock Housings (Plug)

Positive Lock Socket Housings (Plug)

Pin Housings (Cap)

Stock Housings (Plug)

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Stock Housings