

**Fig. 1**

PLUG

CAP

- Pins and sockets can be intermixed in the same housing
- Positive polarization
- Pin or socket contact can be hot
- Positive locking housings
- Removable, crimp snap-in contacts
- Low contact mating force
- Dual locking lances provide optimum contact stability
- Panel-mount or free-hanging
- Harness to PC board capability using pin or socket header assemblies
- Features:** • Rated to 600V • Insulation capacity to .200" (5.08 mm) diameter • Contacts are on .250" (6.35 mm) centerline spacing

**Fig. 2**

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- Circular design allows the connector to pass through 7/8 inch knock-out holes in electrical fixtures and boxes
- Features:** • Voltage: 600VAC or DC • Current: 20A maximum per UL-1977

**Fig. 3**

- Special flanged universal MATE-N-LOK cap housing
- Features:** • Voltage: 600V • Current: 15.5A maximum

**Fig. 4**

- Sealed Bulkhead Connector
- Features:** • Locknut: Metal • Housing: Nylon, Flame Retardant, UL94-V0
- O-Ring: Neoprene

**Fig. 5 — Test Connectors**

**A — 2-5 Circuits**

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**B — 6 Circuits**

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Ø .084 (2.13) Pin-Mates with Universal MATE-N-LOK Sockets

CAP

- Mating Connectors: Housings and headers having the same number of circuits
- Pins and sockets can be intermixed in the same housing
- Test connector housings are of the same configuration as standard housings
- Test probes have 5A max. current rating • 1,000,000 cycles

**Fig. 6**

- Economical splash proof and immissible sealed connector system
- One interface seal and two wire seals required per mated assembly
- Material:** Silicone rubber, blue color

**Connectors**

Fig.	No. of Circuits	Description	Digi-Key Part No.	Pricing		AMP Part No.	
				1	100		
<b>Universal MATE-N-LOK UL94V-2 Connectors</b>							
<b>Nylon, Natural Color (Contacts Sold Separately)</b>							
1	1	Plug In-Line	A14270-ND	.19	6.41	1-350867-0	
	1	Cap In-Line	A14271-ND	.19	6.74	770421-1	
	2	Plug In-Line	A1448-ND	.20	11.43	1-480698-0	
	2	Cap In-Line	A1449-ND	.20	10.46	1-480699-0	
	3	Plug In-Line	A1450-ND	.19	10.94	1-480700-0	
	3	Cap In-Line	A1451-ND	.20	11.47	1-480701-0	
	4	Plug In-Line	A1452-ND	.21	11.76	1-480702-0	
	4	Cap In-Line	A1453-ND	.21	11.64	1-480703-0	
	5	Plug In-Line	A1454-ND	.22	14.61	1-480763-0	
	5	Cap In-Line	A1455-ND	.26	16.44	1-480764-0	
	6	Plug Matrix	A1456-ND	.22	14.25	1-480704-0	
	6	Cap Matrix	A1457-ND	.21	13.58	1-480705-0	
	6	Plug In-Line	A14272-ND	.45	29.00	640585-1	
	6	Cap In-Line	A14273-ND	.77	49.56	926307-1	
	8	Plug In-Line	A14274-ND	.55	35.42	640586-1	
1	8	Cap In-Line	A14275-ND	1.28	82.23	926308-1	
	9	Plug Matrix	A1458-ND	.25	16.17	1-480706-0	
	9	Cap Matrix	A1459-ND	.22	14.55	1-480707-0	
	12	Plug Matrix	A1460-ND	.29	18.70	1-480708-0	
	12	Cap Matrix	A1461-ND	.26	16.49	1-480709-0	
	15	Plug Matrix	A1462-ND†	.42	27.14	1-480710-0	
	15	Cap Matrix	A1463-ND	.38	24.22	1-480711-0	
	2	6	Plug Circular	A30576-ND	.43	30.73	794911-1
		6	Cap Circular	A30577-ND	.43	30.73	794912-1
	<b>Universal MATE-N-LOK UL94V-0 Connectors</b>						
	<b>Nylon, White Color (Contacts Sold Separately)</b>						
	1	1	Plug In-Line	A14276-ND	.21	13.21	350865-1
1		Cap In-Line	A14277-ND	.21	13.21	350866-1	
2		Plug In-Line	A14278-ND	.33	21.14	350777-1	
2		Cap In-Line	A14279-ND	.38	24.46	350778-1	
3		Plug In-Line	A14280-ND	.32	20.71	350766-1	
3		Cap In-Line	A14281-ND	.38	24.88	350767-1	
4		Plug In-Line	A14282-ND	.34	21.60	350779-1	
4		Cap In-Line	A14283-ND	.42	27.27	350780-1	
5		Plug In-Line	A14284-ND	.33	21.15	350809-1	
5		Cap In-Line	A14285-ND	.40	25.56	350810-1	
1		6	Plug In-Line	A14286-ND	.70	44.95	640581-1
		6	Cap In-Line	A14287-ND‡	1.69	108.38	926307-3
		6	Plug Matrix	A14288-ND	.48	30.89	350715-1
		6	Cap Matrix	A14289-ND	.42	27.31	350781-1
		8	Plug In-Line	A14290-ND	.60	38.41	640582-1
	8	Cap In-Line	A14291-ND‡	1.94	124.42	926308-3	
	9	Plug Matrix	A14292-ND	.42	26.79	350720-1	
	9	Cap Matrix	A14293-ND	.52	33.16	350782-1	
12	12	Plug Matrix	A14294-ND	.54	34.21	350735-1	
	12	Cap Matrix	A14295-ND	.63	40.62	350783-1	
	15	Plug Matrix	A14296-ND	.69	43.96	350736-1	
	15	Cap Matrix	A14297-ND	.86	54.83	350784-1	
<b>Universal MATE-N-LOK UL94V-2 Connectors</b>							
<b>Nylon, Red Color (Contacts Sold Separately)</b>							
1	2	Plug In-Line	A97536-ND	.26	17.03	1-480698-2	
	2	Cap In-Line	A97535-ND	.23	15.59	1-480699-2	
	3	Plug In-Line	A97511-ND	.26	17.28	1-480700-2	
	3	Cap In-Line	A97510-ND	.26	17.03	1-480701-2	
	4	Plug In-Line	A97513-ND	.26	17.53	1-480702-2	
4	Cap In-Line	A97512-ND	.26	17.35	1-480703-2		

Fig.	No. of Circuits	Description	Digi-Key Part No.	Pricing		AMP Part No.	
				1	100		
1	5	Plug In-Line	A97515-ND	.54	36.37	480763-2	
	5	Cap In-Line	A97514-ND	.69	45.82	480764-2	
	6	Plug Matrix	A97537-ND	.32	21.23	1-480704-2	
	6	Cap Matrix	A97516-ND	.30	20.24	1-480705-2	
	9	Plug Matrix	A97518-ND	.36	24.10	1-480706-2	
	9	Cap Matrix	A97517-ND	.33	21.69	1-480707-2	
	12	Plug Matrix	A97538-ND	.42	27.87	1-480708-2	
	12	Cap Matrix	A97519-ND	.37	24.57	1-480709-2	
	15	Plug Matrix	A97521-ND	.61	40.44	1-480710-2	
	15	Cap Matrix	A97520-ND	.54	36.09	1-480711-2	
	<b>Universal MATE-N-LOK UL94V-2 Connectors</b>						
	<b>Nylon, Black Color (Contacts Sold Separately)</b>						
	1	2	Plug In-Line	A97539-ND	.26	17.03	1-480698-9
		2	Cap In-Line	A97522-ND	.23	15.59	1-480699-9
		3	Plug In-Line	A97524-ND	.26	17.28	1-480700-9
3		Cap In-Line	A97523-ND	.26	17.03	1-480701-9	
4		Plug In-Line	A97525-ND	.26	17.53	1-480702-9	
4		Cap In-Line	A97540-ND	.26	17.35	1-480703-9	
5		Plug In-Line	A97527-ND	.31	20.79	480763-9	
5		Cap In-Line	A97526-ND	.35	23.38	480764-9	
6		Plug Matrix	A97529-ND	.32	21.23	1-480704-9	
6		Cap Matrix	A97528-ND	.30	20.24	1-480705-9	
9		Plug Matrix	A97531-ND	.36	24.10	1-480706-9	
9		Cap Matrix	A97530-ND	.33	21.69	1-480707-9	
12		Plug Matrix	A97533-ND	.42	27.87	1-480708-9	
12		Cap Matrix	A97532-ND	.37	24.57	1-480709-9	
15		Plug Matrix	A97541-ND	.61	40.44	1-480710-9	
15	Cap Matrix	A97534-ND	.54	36.09	1-480711-9		
<b>Universal MATE-N-LOK UL94V-0 Flanged Cap Housings</b>							
<b>Nylon, White Color (Contacts Sold Separately)</b>							
3	6	Matrix	A30555-ND	.59	47.93	794760-1	
	9	Matrix	A30556-ND	.71	57.83	794761-1	
	12	Matrix	A30557-ND	.86	69.79	794762-1	
<b>Universal MATE-N-LOK UL94V-2 Flanged Cap Housings</b>							
<b>Nylon, Natural Color (Contacts Sold Separately)</b>							
3	6	Matrix	A30558-ND	.51	41.67	794714-1	
	9	Matrix	A30559-ND	.62	50.29	794715-1	
	12	Matrix	A30560-ND	.75	60.69	794716-1	
<b>Universal MATE-N-LOK UL94V-2 Sealed Bulkhead Cap</b>							
<b>Nylon, Natural Color (Contacts Sold Separately)</b>							
4	4	Cap In-Line	A32535-ND	1.73	140.22	1604256-1	
	6	Cap Matrix	A32536-ND	1.79	144.30	1604210-1	
	9	Cap Matrix	A32537-ND	1.85	149.75	1604254-1	
	12	Cap Matrix	A32538-ND	2.67	216.46	1604941-1	
Keying Plug, UL94V-0				A14305-ND	.19	15.58	1-640415-0
Keying Plug, UL94V-2				A14304-ND	.17	13.46	1-640415-1
<b>Test Connectors (with spring loaded contacts)</b>							
5A	2	Plug In-Line	A25328-ND	55.62	3568.12	350848-2	
	3	Plug In-Line	A25731-ND	62.48	4007.84	350848-3	
5B	6	Plug Matrix	A25735-ND	123.21	7904.06	350848-6	
	6	Cap Matrix	A25736-ND	123.25	7906.78	350849-6	

† Black ‡ Brick Red

**Splash Proof Seals**

Fig.	No. of Circuits	Interface Seal Digi-Key Part No.	Price Each		AMP Part No.	Wire Seal Digi-Key Part No.	Price Each		AMP Part No.	
			1	100			1	100		
6	2	A25390-ND	.26	.22	794269-1	A25397-ND	.22	.19	794270-1	
	3	A25391-ND	.38	.31	794271-1	A25398-ND	.31	.26	794272-1	
	4	A25392-ND	.27	.23	794273-1	A25399-ND	.38	.32	794274-1	
	6	A25393-ND	.43	.36	794275-1	A25400-ND	.52	.43	794276-1	
	9	A25394-ND	.91	.74	794277-1	A25401-ND	.81	.66	794278-1	
	12	A25395-ND	1.27	1.03	794279-1	A25402-ND	1.36	1.11	794280-1	
	15	A25396-ND	1.27	1.03	794281-1	A25403-ND	1.46	1.18	794282-1	
	Keying Plug, Nylon, UL94V-0						A25156-ND	3.54/10		770377-1

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