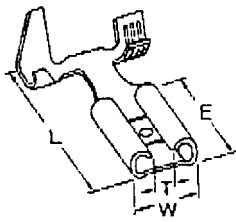
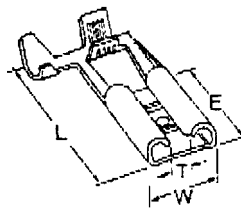
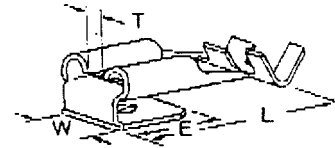


587-242 To 266

250 Series receptacles (6.35 x 0.81 tab fit) (continued)

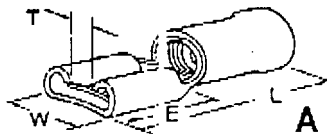
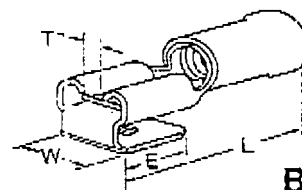
**E****F****G**

Style	Wire Size mm²	Ins. Dia. mm	Part Numbers		Material Finish	Dimensions				Hand Tool	AMP Bench Press		Pneumatic	
			Strip	Loose Piece		W	L	E	T		69011	69012	69005	69010
E	0.81-2.12	3.05-4.06	150537	150333	Brass	7.75	16.64	7.75	1.40	574462	90199†	—	90199	—
F	0.5-1.5	2.29-3.30	150801	150418	PH. BR.	7.62	15.49	7.62	2.29	180320	—	—	—	—
			280050-1	180430-1	Brass						—	—	—	—
			280050-2	180430-2	T. Brass						—	—	—	—
			280050-4	180430-3	PH. BR.						—	—	—	—
	1.0-2.50	3.05-4.32	180464-1	180429-1	Brass	7.62	15.42	7.62	2.62	180319	—	576704 †	—	576704
			180464-2	180429-2	T. Brass						—	—	—	—
			180464-4	180429-1	PH. BR.						—	—	—	—
			152424-4	152458-4	Ni. Stenl						—	—	—	—
			153266-3	—	Brass						—	—	—	—
			153266-4	—	T. Brass						—	—	—	—
			153266-5	—	Ni Silver						—	—	—	—
	1.0-2.50	3.05-4.32	151321-1	—	Brass						Fly Press Tooling Available on Request			
			151321-2	—	T. Brass									

† Receptacles to fit FASTON Tab affixed to 2.29 diameter pin.

†† Receptacles to fit FASTON Tab affixed to 2.29 or 3.18 diameter pins.

250 Series Pre-insulated receptacles

**A****B**

Style	Wire Size mm²	Ins. Dia. mm	Part Numbers		Material Finish	Vinyl Sleeve	Dimensions				Hand Tool	AMP Bench Press		Pneumatic	
			Strip	Loose Piece			W	L	E	T		69011	69012	69005	69010
A	0.3-0.82	3.43 max.	—	42599-1	Brass	Red	7.62	21.59	7.75	1.65	90035-3	90149-2†	—	90149-2	—
			—	42599-2	T. Brass	Red									
			—	42599-3	Ag. Brass	Red									
			—	42628-1	Brass	*Red									
	1.3-2.12	4.06 max.	—	150434-1	T. Brass	*Red	7.62	19.81	7.75	1.65	90009-8	90059-2	—	90059-2†	—
			—	150432-1	T. Brass	Yellow									
B	0.3-1.43	3.43 max.	—	152427	T. Brass	Red	7.65	21.31	7.75	2.29	90035-3	90149-2†	—	90149-2	—
	1.0-2.50	4.19 max.	—	160463-2	T. Brass	Blue	7.62	20.96	7.75	1.65	90009-8	90059-2	—	90059-2†	—
			—	—	—	—									

† Indicates Reverse Toggle and Links.

• Nylon Sleeve.

AMPSoft Shell
Pin and Socket Connectors

Catalog 82181

Revised 9-94

Universal MATE-N-LOK ConnectorsUniversal MATE-N-LOK
Connectors

Universal MATE-N-LOK Mating Combinations													
Number of Circuits	UL94V-0 UL94V-2	In-Line Matrix	Plug Part No.	Conn. Part No.	Plating	PC Board							
						Vertical Pin Header*			Vertical Socket Header**			Right Angle Pin Header	Right Angle Socket Header
						Standard Tail	Standard Tail Polarized	Long Tail	Standard Tail	Standard Tail Polarized	Long Tail		
1	UL94V-2	In-Line	1-350867-0	77042	-1	—	—	—	—	—	—	—	—
	UL94V-0	In-Line	350865-1	350865	-1	—	—	—	—	—	—	—	—
2	UL94V-2	In-Line	1-480698-0	1-480691	-0	Tin	350428-1	641963-1	350582-1	351759-4	643411-1	350986-4	—
					Duplex ¹	350428-2	641963-2	350582-2	351759-3	—	—	—	—
	UL94V-0	In-Line	350777-1	350771	-1	Tin	350786-1	641964-1	350787-1	351824-1	643412-1	350831-1	1-350942-0
					Duplex ¹	350786-2	641964-2	350787-2	351824-2	—	—	2-350942-0	—
3	UL94V-2	In-Line	1-480700-0	1-480701	-0	Tin	350429-1	641965-1	350583-1	351760-4	643413-1	350987-4	—
					Duplex ¹	350429-2	641965-2	350583-2	351760-3	—	—	—	—
	UL94V-0	In-Line	350766-1	350761	-1	Tin	350789-1	641966-1	350790-1	351825-1	643414-1	350832-1	1-350943-0
					Duplex ¹	350789-2	—	350790-2	351825-2	643414-2	350832-2	2-350943-0	—
4	UL94V-2	In-Line	1-480702-0	1-480701	-0	Tin	350430-1	641967-1	350584-1	351761-4	643415-1	350988-4	—
					Duplex ¹	350430-2	—	350584-2	351761-3	—	—	350988-3	—
	UL94V-0	In-Line	350779-1	350781	-1	Tin	350792-1	641968-1	350793-1	351826-1	643416-1	350833-1	1-350944-0
					Duplex ¹	350792-2	—	350793-2	351826-2	—	—	350833-2	2-350944-0
5	UL94V-2	In-Line	1-480753-0	1-480751	-0	Tin	640466-1	643405-1	—	641467-1	—	—	—
					Duplex ¹	640466-2	—	—	641467-2	—	—	—	—
	UL94V-0	In-Line	350809-1	350811	-1	Tin	640900-1	643406-1	—	641901-1	—	—	1-350945-0
					Duplex ¹	640900-2	—	—	641901-2	—	—	2-350945-0	643232-1
6	UL94V-2	In-Line	640855-1	926307	-1	Tin	641832-1	643407-1	—	—	—	—	—
					Duplex ¹	—	—	—	—	—	—	—	—
	UL94V-0	In-Line	640581-1	926307	-3	Tin	641831-1	643408-1	—	—	—	640583-1	643234-1
					Duplex ¹	—	—	—	771262-2	—	—	640583-2	643234-2
7	UL94V-2	Matrix	1-480704-0	1-480701	-0	Tin	350431-1	641969-1	350585-1	351762-4	643423-1	350989-4	—
					Duplex ¹	350431-2	—	350585-2	351762-3	—	—	350989-3	—
	UL94V-0	Matrix	350715-1	350731	-1	Tin	350711-1	640970-1	350732-1	351827-1	643424-1	350839-1	—
					Duplex ¹	350711-2	641970-2	350732-2	351827-2	643424-2	350839-2	—	—
8	UL94V-2	In-Line	640586-1	926308	-1	Tin	641825-1	—	770143-1	—	—	—	—
					Duplex ¹	—	—	—	—	—	—	—	—
	UL94V-0	In-Line	640582-1	926308	-3	Tin	641828-1	643410-1	—	—	—	640584-1	643326-1
					Duplex ¹	—	—	—	—	—	—	640584-2	643326-2
9	UL94V-2	Matrix	1-480706-0	1-480701	-0	Tin	350432-1	641971-1	350586-1	351763-4	643425-1	350990-4	—
					Duplex ¹	350432-2	641971-2	350586-2	351763-3	—	—	350990-3	—
	UL94V-0	Matrix	350720-1	350733	-1	Tin	350712-1	641972-1	350742-1	351828-1	643426-1	350835-1	—
					Duplex ¹	350712-2	641972-2	350742-2	351828-2	643426-2	350835-2	—	—
10	UL94V-2	In-Line	926302-1	926309	-1	Tin	—	—	—	—	—	—	—
					Duplex ¹	—	—	—	—	—	—	—	—
	UL94V-0	In-Line	926302-3	926309	-3	Tin	—	—	—	—	—	—	—
					Duplex ¹	—	—	—	—	—	—	—	—
12	UL94V-2	Matrix	1-480708-0	1-480701	-0	Tin	350433-1	641973-1	350587-1	351764-4	—	350991-4	—
					Duplex ¹	350433-2	—	350587-2	351764-3	—	—	350991-3	—
	UL94V-0	Matrix	350735-1	350733	-1	Tin	350713-1	641974-1	350737-1	351829-1	643428-1	350836-1	—
					Duplex ¹	350713-2	641974-2	350737-2	351829-2	—	—	350836-2	—
15	UL94V-2	Matrix	1-480710-0	1-480711	-0	Tin	350434-1	641975-1	350588-1	351765-4	643429-1	350992-4	—
					Duplex ¹	350434-2	—	350588-2	351765-3	—	—	350992-3	—
	UL94V-0	Matrix	350736-1	350734	-1	Tin	350714-1	641975-1	350738-1	351830-1	643430-1	350837-1	—
					Duplex ¹	350714-2	—	350738-2	351830-2	—	—	350837-2	—

¹Duplex Finish — Plated with .000030 (.000762) min. gold in mating area, matte tin-lead on solder tail end over .000050 (.00127) min. nickel underplate on entire contact.

*Mates with Plug Housing (Socket Contact)

**Mates with Plug Housing (Pin Contact)