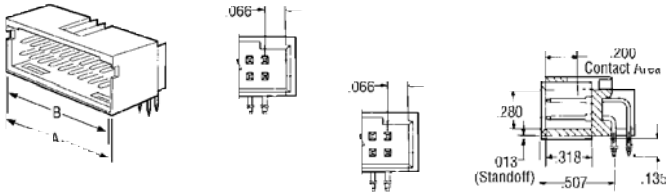


AMPMODU® Printed Circuit Board Connectors

Standard Profile Headers —
Shrouded Right Angle,
Double Row,
0.100" × 0.100 Centers



0.025 Square Right-Angle Post — 0.066 End Dimension

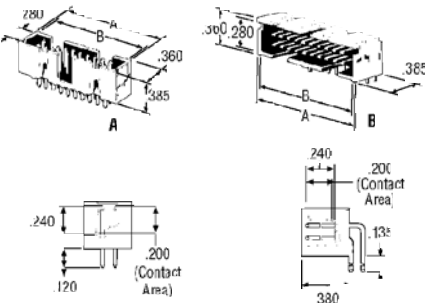
Stock No.	Mfr.'s Type	No. of Pos.	Dimensions		Plating Code ^a	EACH	
			A	B		1-99	100-499
512-2836	103166-1	6	0.412	0.332	1	.84	.75
512-2838	102617-1	6	0.412	0.332	2	.73	.65
512-2840	103166-2	8	0.512	0.432	1	1.09	.98
512-2842	102617-2	8	0.512	0.432	2	1.52	1.37

0.025 Square Right-Angle Post — 0.150 End Dimension

Stock No.	Mfr.'s Type	No. of Pos.	Dimensions		Plating Code ^a	EACH	
			A	B		1-99	100-499
512-2848	103167-1	8	0.680	0.600	1	1.06	.98
512-2850	102570-2	8	0.680	0.600	2	1.52	1.37
512-2852	103167-2	10	0.780	0.700	1	2.11	1.92
512-2854	102570-3	10	0.780	0.700	2	1.09	.98

^aContact Plating: 1=Duplex C — 0.000030 gold on contact area, 0.000100-0.000200 tin-lead on solder area, with entire post underplated 0.000050 nickel; 2=Duplex D — 0.000015 gold on contact area 0.000100-0.000200 tin-lead on solder area, with entire post underplated 0.000050 nickel; 3=Tin-Lead/Nickel — 0.000100-0.000200 tin-lead over 0.000050 nickel on entire post.

Low Profile Headers



Shrouded with 0.150 End Dimension Double Row, 0.100" × 0.100" Centers

0.025 Square Straight Post — Fig. A

Stock No.	Mfr.'s Type	No. of Pos.	Dimensions		Plating Code ^a	EACH	
			A	B		1-99	100-499
512-2626	103308-1	10	0.800	0.700	2	.48	.43
512-2627	103309-1	10	0.800	0.700	1	.57	.51
512-2625	103308-2	14	1.000	0.900	2	.63	.57
512-2628	103308-3	16	1.100	1.000	2	.88	.80
512-2629	103308-5	20	1.300	1.200	2	.84	.76
512-2630	103309-5	20	1.300	1.200	1	1.02	.92
512-2631	103308-6	26	1.600	1.500	2	.99	.89
512-2632	103309-6	26	1.600	1.500	1	1.20	1.08
512-2633	103308-7	34	2.000	1.900	2	1.29	1.16
512-2635	103308-8	40	2.300	2.200	2	1.50	1.35
512-2636	1-103308-0	50	2.800	2.700	2	1.44	1.29

0.025 Square Right-Angle Post — Fig. B

Stock No.	Mfr.'s Type	No. of Pos.	Dimensions		Plating Code ^a	EACH	
			A	B		1-99	100-499
512-2634	103310-1	10	0.800	0.700	2	.63	.57
512-2637	103311-1	10	0.800	0.700	1	1.81	1.63
512-2638	103310-2	14	1.000	0.900	2	.84	.75
512-2644	103310-3	16	1.100	1.000	2	.70	.63
512-2648	103310-5	20	1.300	1.200	2	1.11	1.00
512-2639	103310-6	26	1.600	1.500	2	1.34	1.20
512-2640	103310-7	34	2.000	1.900	2	4.53	4.08
512-2641	103311-7	34	2.000	1.900	1	5.10	4.59
512-2642	103310-8	40	2.300	2.200	2	5.10	4.59
512-2643	1-103310-0	50	2.800	2.700	2	2.10	1.89
—	—	—	—	—	—	—	—

^aContact Plating: 1=Duplex C — 0.000030 gold on contact area, 0.000100-0.000200 tin-lead on solder area, with entire post underplated 0.000050 nickel; 2=Duplex D — 0.000015 gold on contact area 0.000100-0.000200 tin-lead on solder area, with entire post underplated 0.000050 nickel; 3=Tin-Lead/Nickel — 0.000100-0.000200 tin-lead over 0.000050 nickel on entire post.

Double Row MT Receptacle Connectors

Housings are preloaded with standard pressure contacts on 0.100" × 0.100" centers. The contacts are insulation displacement for termination of discrete wires or ribbon cable with conductors separated. Crimp, snap-in contacts can be used interchangeably with the insulation displacement contacts. Connector covers are sold separately. **Specifications. Housing:** Black thermoplastic, flame retardant. **Contacts:** Copper alloy; duplex plated 0.000030 μ" gold on the contact area, 0.000050 μ" min. tin-lead on termination area, with entire contact underplated 0.000050 μ" nickel. **Rating:** 3 amperes for single contact in free air. UL recognized, CSA certified. **Operating Temperature:** -65°C to +105°C. Mate with posts 0.222"-0.273" in length.

Wire Size 26-22 AWG — Fig. A

Stock No.	Mfr.'s Type	No. of Pos.	A Dim.	EACH	
				1-99	100-499
512-6424	102398-1	6	0.300"	1.68	1.51
512-6000	102398-2	8	0.400"	2.74	2.47
512-6002	102398-3	10	0.500"	2.31	2.08
512-6004	102398-4	12	0.600"	2.74	2.47
512-6006	102398-5	14	0.700"	3.20	2.88
512-6008	102398-6	16	0.800"	2.63	2.36
512-6010	102398-7	18	0.900"	2.79	2.51
512-6012	102398-8	20	1.000"	4.56	4.10
512-0946	102394-8*	20	1.000"	2.24	2.02
512-6014	1-102398-1	26	1.300"	3.25	2.92
512-6426	1-102398-3	30	1.500"	6.85	6.16
512-6018	1-102398-5	34	1.700"	7.75	6.98
512-6022	1-102398-6	40	2.000"	6.78	6.10
512-6026	2-102398-3	50	2.500"	8.25	7.43

Wire Size 22-20 AWG — Fig. A

Stock No.	Mfr.'s Type	No. of Pos.	A Dim.	EACH	
				1-99	100-499
512-6040	102448-3	10	0.500"	2.31	2.08
512-6042	102448-4	12	0.600"	2.74	2.47
512-6044	102448-5	14	0.700"	3.20	2.88
512-6046	102448-6	16	0.800"	3.65	3.28
512-6048	102448-8	20	1.000"	4.56	4.10
512-6428	1-102448-0	24	1.200"	5.51	4.96
512-6052	1-102448-1	26	1.300"	4.71	4.24
512-6068	1-102448-8	40	2.000"	9.04	8.22

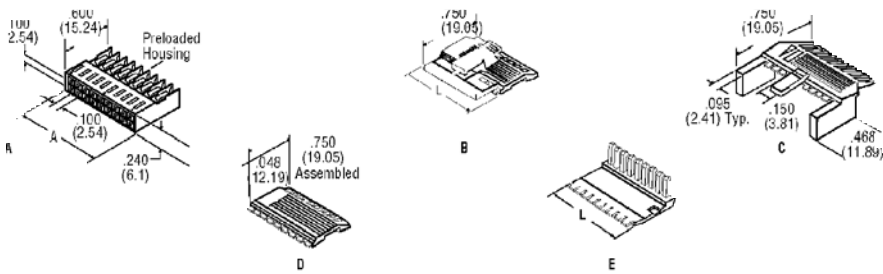
*Unloaded housings.

Front Covers

Latching Cover — Fig. B. Mates with AMPMODU® 4-sided shrouded headers with extraction slot.

Stock No.	Mfr.'s Type	No. of Pos.	L Dim.	EACH	
				1-99	100-499
512-6430	102681-1	12	0.600"	.49	.45
512-6432	102681-4	18	0.900"	.48	.44
512-6077	102681-5	20	1.000"	1.36	1.24
512-6079	102681-8	26	1.300"	.89	.81
512-6085	2-102681-0	50	2.500"	1.65	1.48

Covers. Low profile for double row MT connectors. **Material:** Black thermoplastic, flame retardant.



Front Covers (continued)

Ejection Cover — Fig. C. Mates with AMP-LATCH® universal ejection style pin headers with latching ears or AMPMODU® low profile shrouded headers.

Stock No.	Mfr.'s Type	No. of Pos.	L Dim.	EACH	
				1-99	100-499
512-6434	102537-5	14	0.700"	1.26	1.15
512-6087	102537-8	20	1.000"	.39	.35
512-6436	1-102537-0	24	1.200"	1.26	1.15
512-6089	1-102537-1	26	1.300"	.39	.35
512-6438	1-102537-3	30	1.500"	.43	.39
512-6091	1-102537-5	34	1.700"	1.26	1.15
512-6093	1-102537-8	40	2.000"	.95	.86
512-6095	2-102537-3	50	2.500"	.95	.86

Non-polarizing Cover — Fig. D. For shielded connectors or non-polarizing applications.

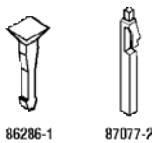
Stock No.	Mfr.'s Type	No. of Pos.	L Dim.	EACH	
				1-99	100-499
512-6440	102541-1	6	0.300"	.24	.22
512-6097	102541-2	8	0.400"	.42	.38
512-6099	102541-3	10	0.500"	.24	.22
512-6101	102541-5	14	0.700"	.41	.37
512-6103	102541-6	16	0.800"	.30	.27
512-6105	102541-8	20	1.000"	1.20	1.09
512-6107	1-102541-1	26	1.300"	.70	.63

Back Covers — Fig. E

Fig. E — For use with the front covers to the left.

Stock No.	Mfr.'s Type	No. of Pos.	L Dim.	EACH	
				1-99	100-499
512-6117	102536-3	10	0.500"	.27	.24
512-6444	102536-4	12	0.600"	.97	.88
512-6119	102536-5	14	0.700"	.88	.80
512-6121	102536-6	16	0.800"	.74	.66
512-6446	102536-7	18	0.900"	.68	.62
512-6123	102536-8	20	1.000"	.34	.31
512-6125	1-102536-1	26	1.300"	.49	.45
512-6131	2-102536-3	50	2.500"	1.35	1.21

Keying Plugs



Material: Natural color nylon. For all AMPMODU® receptacles.

Type 86286-1. Plugs into receptacle contact.	EACH	.13
512-6070, 1-99	EACH	.11
100-499		
Type 87077-2. Plugs directly into housing.	EACH	.09
512-6071, 1-99	EACH	.08
100-499		

Contact Extraction and Lance Reset Tool

Type 843996-3. For new style locking lance Mod. IV contacts.	EACH	14.47
512-6073		

Pistol Grip Tool



Type 58074-1. Pistol grip-handle only.	EACH	75.48
512-9082		
Type 58062-1. Modular head for MT receptacles.	EACH	207.40
512-9063		