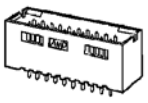
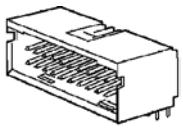
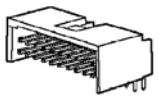
AMPMODU 0.025" (0.64 mm) Interconnection System



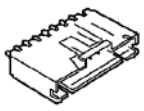
Standard Profile
Square Straight Post



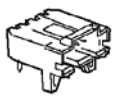
Standard Profile
Square Right-Angle Post



Standard Profile
Square Right-Angle Post
with Pin Protection



Shrouded Polarized/Latching
Square Straight Post



Shrouded Polarized/Latching
Square Right-Angle Post

8

Standard Profile Headers, Double Row — Shrouded with 0.150" End Dimension, 0.100" Centers

Housing: Black thermoplastic 94V-0. **Contact:** Copper alloy.

0.025" (0.64 mm) Square Straight Post (with Detent Windows)

Stock No.	Mfr.'s Type	No. of Pos.	Plating Code*	EACH		
				1-99	100-499	500-999
512-2824	103169-3	10	A	1.25	1.12	.94
512-2826	102619-3	10	B	1.68	1.51	1.26
512-0840	102619-5	14	B	2.15	1.94	1.61
512-2828	103169-6	16	A	1.92	1.73	1.44
512-2830	102619-6	16	B	2.36	2.12	1.77
512-2832	103169-8	20	A	2.28	2.06	1.71
512-2834	102619-8	20	B	1.75	1.60	1.31
512-0843	1-102619-0	24	B	3.35	3.02	2.52
512-0844	1-103169-1	26	A	3.06	2.75	2.29
512-8693	1-102619-1	26	B	3.70	3.23	2.91
512-9900	1-102619-3	30	B	4.06	3.65	3.04
512-0846	1-103169-5	34	A	5.89	5.30	4.42
512-0847	1-102619-5	34	B	4.53	4.08	3.40
512-0848	1-103169-8	40	A	6.89	6.20	5.17
512-0849	1-102619-8	40	B	5.28	4.75	3.96
512-0853	2-102619-3	50	B	6.53	5.88	4.90

0.025" (0.64 mm) Square Right-Angle Post (with Detent Windows)

512-2852	103167-2	10	A	2.11	1.92	1.76
512-2854	102570-3	10	B	1.09	.98	.82
512-9924	103167-3	12	A	2.43	2.18	1.82
512-0869	103167-4	14	A	2.77	2.49	2.07
512-0871	102570-6	16	B	1.54	1.39	1.16
512-0872	103167-7	20	A	2.34	2.11	1.76
512-0873	102570-8	20	B	3.01	2.71	2.26
512-0874	103167-9	24	A	5.12	4.61	3.84
512-0875	1-102570-1	26	B	3.88	3.49	2.91

Standard Profile Headers, Double Row — Shrouded, with 0.066" End Dimension, 0.100" Centers

0.025" (0.64 mm) Square Right-Angle Post (with Detent Windows)

512-2836	103166-1	6	A	.84	.75	.63
512-2838	102617-1	6	B	.73	.65	.54
512-2840	103166-2	8	A	1.09	.98	.82
512-2842	102617-2	8	B	1.52	1.37	1.14
512-2844	103166-3	10	A	2.20	1.98	1.65
512-2846	102617-3	10	B	1.09	.98	.82
512-0855	102166-4	12	A	2.43	2.18	1.82
512-0857	103166-5	14	A	2.88	2.59	2.16
512-0858	103166-6	16	A	3.17	2.86	2.38
512-0859	102617-6	16	B	3.31	2.98	2.48
512-0860	103166-8	20	A	3.72	3.35	2.79
512-0861	102617-8	20	B	3.01	2.71	2.26
512-0862	1-103166-0	24	A	4.83	4.35	3.62

0.025" (0.64 mm) Square Right-Angle Post (with Pin Protection on 3 sides)

512-0865	103164-3	10	A	2.13	1.92	1.60
512-0866	103164-4	12	A	2.43	2.18	1.82
512-0868	103164-6	16	A	3.08	2.77	2.31

***Plating Code:** A — Duplex plated 0.000030" (0.00076 mm) gold on contact area, 0.000100-0.000200" (0.00254-0.00508 mm) tin-lead on solder area, with entire post underplated 0.000050" (0.00127 mm) nickel; B — Duplex plated 0.000015" (0.00038 mm) gold on contact area, 0.000100-0.000200" (0.00254-0.00508 mm) tin-lead on solder area, with entire post underplated 0.000050" (0.00127 mm) nickel.

Shrouded Polarized/Latching, Single Row, 0.100" Centers

Housing: Black thermoplastic 94V-0. **Contact:** Copper alloy.

0.025" (0.64 mm) Square Straight Post (With or Without Holddown) Polarized/Latching Header with Holddown

Stock No.	Mfr.'s Type	No. of Pos.	Plating Code*	EACH		
				1-99	100-499	500-999
512-0880	103908-1	2	A	.33	.29	.24
512-0883	103908-2	3	A	.37	.33	.28
512-0886	103908-3	4	A	.42	.38	.32
512-0889	103908-4	5	A	.47	.42	.35
512-0892	103908-5	6	A	.51	.46	.38
512-0007	103908-6	7	A	.60	.54	.45
512-0894	103908-7	8	A	.80	.67	.57
512-0896	103908-8	9	A	.65	.59	.49
512-0897	103908-9	10	A	.70	.63	.52
512-0901	1-103908-9	20	A	1.28	1.15	.96

Polarized/Latching Header without Holddown

512-0881	103735-1	2	A	.33	.29	.24
512-8715	103638-1	2	B	.33	.30	.27
512-0882	103639-1	2	C	.29	.26	.22
512-0884	103735-2	3	A	.37	.33	.28
512-9047	103638-2	3	B	.37	.33	.30
512-0885	103639-2	3	C	.32	.29	.24
512-8716	103638-3	4	B	.43	.38	.35
512-0890	103735-4	5	A	.47	.42	.35
512-9048	103638-4	5	B	.47	.42	.38
512-0891	103639-4	5	C	.44	.40	.33
512-0898	103735-9	10	A	.88	.80	.66
512-8779	103639-9	10	C	.63	.56	.50
512-0900	1-103735-3	14	A	1.07	.97	.81

0.025" (0.64 mm) Square Right-Angle Post Latching Header with Holddown

512-0902	103904-1	2	A	.38	.35	.29
512-0909	103904-2	3	A	1.08	.98	.81
512-0916	103904-3	4	A	.46	.41	.34
512-0927	103904-5	6	A	1.35	1.22	1.01

Latching Header without Holddown

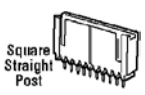
512-0904	103906-1	2	A	.35	.32	.26
512-0906	103635-1	2	B	.31	.28	.25
512-0907	103634-1	2	C	.31	.28	.24
512-0911	103906-2	3	A	.44	.39	.33
512-0913	103635-2	3	B	.34	.31	.26
512-0917	103906-3	4	A	.46	.41	.34
512-1932	103635-3	4	B	.38	.35	.29
512-0919	103634-3	4	C	.41	.37	.31
512-0923	103906-4	5	A	.55	.49	.41
512-0926	103634-4	5	C	.41	.37	.31
512-0929	103635-5	6	B	.46	.41	.34
512-0933	103906-7	8	A	.65	.59	.49
512-0934	103635-7	8	B	.53	.48	.40
512-0936	103906-9	10	A	.75	.68	.57
512-0937	103635-9	10	B	.66	.59	.49
512-0938	103634-9	10	C	.56	.50	.42
512-0939	1-103906-1	12	A	.96	.87	.72

***Plating Code:** A — Duplex plated 0.000030" (0.00076 mm) min. gold on contact area, 0.000050" (0.00127 mm) min. tin-lead in crimp area, with entire post underplated 0.000050" (0.00127 mm) min. nickel; B — Duplex plated 0.000015" (0.00038 mm) min. gold on contact area, 0.000050" (0.00127 mm) min. tin-lead in crimp area, with entire post underplated 0.000050" (0.00127 mm) min. nickel; C — 0.000100" (0.00254 mm) min. bright tin-lead over 0.000050" (0.00127 mm) min. nickel on entire post.

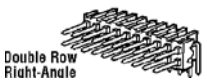
AMPMODU 0.025" (0.64 mm) Interconnection System

Single Row
Straight

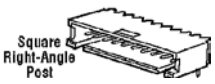
Double Row
Straight



Square
Straight
Post



Double Row
Right-Angle



Square
Right-Angle
Post

Standard Headers — Unshrouded, 0.100" (2.54 mm) Center 0.025 (0.64)

Housing: Black thermoplastic, 94V-0 rated. **Posts:** Copper alloy.

0.025" (0.64 mm) Single Row Square Straight Post

Stock No.	Mfr.'s Type	No. of Pos.	Plating Code*	EACH		
				1-99	100-499	500-999
512-0712	87220-2	2	A	.66	.59	.49
512-0717	87224-2	2	B	.54	.49	.41
512-0713	87220-3	3	A	.91	.82	.68
512-8665	87224-3	3	B	.51	.46	.38
512-0714	87220-4	4	A	1.18	1.06	.88
512-0718	87224-4	4	B	.97	.88	.73
512-0719	87224-5	5	B	1.09	.98	.82
512-9981	87224-6	6	B	1.31	1.18	.99
512-1974	87220-7	7	A	1.84	1.65	1.38
512-0716	87220-8	8	A	2.02	1.82	1.51
512-0721	87224-8	8	B	1.61	1.45	1.21

0.025" (0.64 mm) Double Row Square Straight Post

512-0724	87227-1	2	B	.66	.59	.49
512-0776	1-87215-1	4	A	1.27	1.14	.95
512-0777	87227-2	4	B	1.09	.98	.82
512-0779	87227-3	6	B	1.27	1.14	.95
512-0780	87215-1	8	A	1.95	1.75	1.46
512-1626	87227-4	8	B	1.54	1.39	1.16
512-0782	87215-2	10	A	2.38	2.14	1.78
512-0783	87227-5	10	B	1.95	1.75	1.46
512-0784	87215-3	12	A	2.79	2.51	2.09
512-1638	87227-6	12	B	2.22	2.00	1.67
512-0786	87215-4	14	A	3.20	2.88	2.40
512-0787	87227-7	14	B	2.49	2.24	1.87
512-1648	87215-5	16	A	3.60	3.24	2.70
512-1650	87227-8	16	B	2.86	2.57	2.14
512-0790	87215-7	20	A	3.31	2.98	2.48
512-0791	1-87227-0	20	B	3.54	3.18	2.65
512-0792	1-87215-7	34	A	7.48	6.73	5.61
512-0794	2-87215-5	50	A	10.99	9.89	8.25

0.025" (0.64 mm) Double Row Right-Angle Post

512-0795	1-86479-5	6	A	1.41	1.26	1.05
512-0796	1-86479-6	8	A	1.88	1.69	1.41
512-0797	87230-4	8	B	1.47	1.33	1.11
512-0798	86479-3	10	A	2.38	2.14	1.78
512-0799	87230-5	10	B	1.93	1.73	1.45
512-0801	86479-2	16	A	3.74	3.37	2.81
512-1694	86479-1	20	A	4.67	4.20	3.50
512-1696	1-87230-0	20	B	3.60	3.24	2.70
512-1702	1-87230-3	26	B	4.67	4.20	3.50
512-0804	1-87230-5	30	B	5.46	4.92	4.10
512-1714	2-86479-9	50	A	9.72	8.75	7.29

***Plating Code:** A — Selectively plated 0.000030" (0.00076 mm) gold on contact area, with gold flash over 0.000050" (0.00127 mm) nickel on entire post; B — Selectively plated 0.000015" (0.00038 mm) gold on contact area, with gold flash over 0.000050" (0.00127 mm) nickel on entire post.

Standard Profile Headers, Single Row — Shrouded, 0.100" Centers

0.025" (0.64mm) Square Straight Post (with Standoffs)

512-0806	103414-1	3	A	1.31	1.18	.99
512-1922	103080-1	3	C	1.20	1.00	.86
512-0807	103414-2	4	A	1.41	1.26	1.05
512-0809	103414-3	5	A	1.77	1.61	1.48
512-0813	103414-4	6	A	1.11	1.00	.83
512-0816	103080-4	6	C	1.68	1.51	1.26
512-0817	103080-5	7	C	1.75	1.57	1.31
512-0818	103414-6	8	A	2.02	1.83	1.68
512-0819	103414-7	9	A	2.22	2.00	1.67
512-0821	103414-8	10	A	2.27	2.04	1.70
512-0823	1-103414-0	12	A	2.63	2.37	1.97
512-0824	1-103414-4	16	A	3.13	2.82	2.35

0.025" (0.64 mm) Square Right-Angle Post (with Standoffs)

512-0826	103361-1	3	A	1.34	1.20	1.00
512-0827	103361-2	4	A	1.56	1.41	1.17
512-0828	103361-3	5	A	1.75	1.57	1.31
512-0829	103361-4	6	A	1.81	1.63	1.36
512-0831	103361-6	8	A	2.20	1.98	1.65
512-0832	103361-8	10	A	1.50	1.35	1.12
512-0833	1-103361-0	12	A	1.65	1.49	1.24

***Plating Code:** A — Duplex plated 0.000030" (0.00076 mm) gold on contact area, 0.000100-0.000200" (0.00254-0.00508 mm) tin-lead on solder area, with entire post underplated 0.000050" (0.00127 mm) nickel; C — 0.000100-0.000200" (0.00254-0.00508 mm) tin-lead over 0.000050" (0.00127 mm) nickel on entire post.