

AMPMODU Standard Profile Headers and Amp-Latch



AMPMODU STANDARD PROFILE HEADERS - UNSHROUDED
.100" (2.54mm) CENTERS

Material:

- Housing: Black Thermoplastic, flame retardant, UL94V-0 rated.
- Posts: Copper Alloy, plated as follows:

Mating length for single and double row is .318 (8.08).

Contact Plating:

- 1= Selectively plated .00030 (0.00076) gold on contact area, with gold flash over .000050 (0.00127) nickel on entire post.
- 2= Selectively plated .00015 (0.00038) gold on contact area, with gold flash over .000050 (0.00127) nickel on entire post.

.025" Square Straight Posts - Single Row

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	No. of Pos.	Width	Plating	Price Each			
						1	25	50	100
571-872201	87220-1	A	1	.084 (2.13)	1	.51	.46	.40	.36
571-872241	87224-1	A	1	.084 (2.13)	2	.42	.38	.33	.30
571-872202	87220-2	A	2	.184 (4.67)	1	.87	.79	.69	.62
571-872242	87224-2	A	2	.184 (4.67)	2	.72	.65	.57	.51
571-872203	87220-3	A	3	.284 (7.21)	1	1.20	1.08	.96	.86
571-872243	87224-3	A	3	.284 (7.21)	2	.67	.61	.53	.48
571-872204	87220-4	A	4	.384 (9.75)	1	1.56	1.41	1.24	1.11
571-872244	87224-4	A	4	.384 (9.75)	2	1.29	1.17	1.03	.92
571-872205	87220-5	A	5	.484 (12.29)	1	1.77	1.60	1.41	1.26
571-872245	87224-5	A	5	.484 (12.29)	2	1.44	1.30	1.15	1.03
571-872206	87220-6	A	6	.584 (14.83)	1	2.04	1.84	1.63	1.46
571-872246	87224-6	A	6	.584 (14.83)	2	1.74	1.57	1.39	1.24
571-872207	87220-7	A	7	.684 (17.37)	1	2.43	2.19	1.94	1.74
571-872247	87224-7	A	7	.684 (17.37)	2	1.95	1.76	1.56	1.39
571-872208	87220-8	A	8	.784 (19.91)	1	2.67	2.41	2.13	1.91
571-872248	87224-8	A	8	.784 (19.91)	2	2.13	1.92	1.70	1.52
571-1872200	1-87220-0	A	10	.984 (24.99)	1	3.30	2.97	2.64	2.36
571-1872240	1-87224-0	A	10	.984 (24.99)	2	2.67	2.41	2.13	1.91
571-2872200	2-87220-0	A	20	1.984 (50.39)	1	6.27	5.65	5.01	4.49
571-2872240	2-87224-0	A	20	1.984 (50.39)	2	4.98	4.49	3.98	3.56
571-4872200	4-87220-0	A	40	3.984 (101.19)	1	12.27	11.05	9.81	8.79
571-4872240	4-87224-0	A	40	3.984 (101.19)	2	9.81	8.83	7.84	7.03

.025" Square Right-Angle Post - Single Row

For quantities of 500 and up, call for quote.

571-872321	87232-1	B	1	.084 (2.13)	1	.54	.49	.43	.38
571-872331	87233-1	B	1	.084 (2.13)	2	.51	.46	.40	.36
571-872322	87232-2	B	2	.184 (4.67)	1	.93	.84	.74	.66
571-872332	87233-2	B	2	.184 (4.67)	2	.87	.79	.69	.62
571-872323	87232-3	B	3	.284 (7.21)	1	1.29	1.17	1.03	.92
571-872333	87233-3	B	3	.284 (7.21)	2	1.20	1.08	.96	.86
571-872324	87232-4	B	4	.384 (9.75)	1	1.59	1.44	1.27	1.13
571-872334	87233-4	B	4	.384 (9.75)	2	1.20	1.08	.96	.86
571-872325	87232-5	B	5	.484 (12.29)	1	1.89	1.71	1.51	1.35
571-872335	87233-5	B	5	.484 (12.29)	2	1.59	1.44	1.27	1.13
571-872326	87232-6	B	6	.584 (14.83)	1	2.31	2.08	1.84	1.65
571-872336	87233-6	B	6	.584 (14.83)	2	2.13	1.92	1.70	1.52
571-872327	87232-7	B	7	.684 (17.37)	1	2.70	2.43	2.16	1.93
571-872337	87233-7	B	7	.684 (17.37)	2	2.52	2.27	2.01	1.80
571-872328	87232-8	B	8	.784 (19.91)	1	2.91	2.62	2.32	2.08
571-872338	87233-8	B	8	.784 (19.91)	2	2.22	2.00	1.77	1.59
571-1872320	1-87232-0	B	10	.984 (24.99)	1	3.42	3.08	2.73	2.45
571-1872330	1-87233-0	B	10	.984 (24.99)	2	3.27	2.95	2.61	2.34
571-2872320	2-87232-0	B	20	1.984 (50.39)	1	6.75	6.08	5.40	4.83
571-2872330	2-87233-0	B	20	1.984 (50.39)	2	6.27	5.65	5.01	4.49
571-4872320	4-87232-0	B	40	3.984 (101.19)	1	12.93	11.64	10.34	9.26
571-4872330	4-87233-0	B	40	3.984 (101.19)	2	10.17	9.16	8.13	7.28

.025" Square Straight Post - Double Row

For quantities of 500 and up, call for quote

571-1872150	1-87215-0	C	2	.084 (2.13)	1	.96	.87	.76	.68
571-872271	87227-1	C	2	.084 (2.13)	2	.87	.79	.69	.62
571-1872151	1-87215-1	C	4	.184 (4.67)	1	1.68	1.52	1.34	1.20
571-872272	87227-2	C	4	.184 (4.67)	2	1.44	1.30	1.15	1.03
571-1872152	1-87215-2	C	6	.284 (7.21)	1	2.01	1.81	1.60	1.44
571-872273	87227-3	C	6	.284 (7.21)	2	1.68	1.52	1.34	1.20
571-872151	87215-1	C	8	.384 (9.75)	1	2.58	2.33	2.06	1.84
571-872274	87227-4	C	8	.384 (9.75)	2	2.04	1.84	1.63	1.46
571-872152	87215-2	C	10	.484 (12.29)	1	3.15	2.84	2.52	2.25
571-872275	87227-5	C	10	.484 (12.29)	2	2.58	2.33	2.06	1.84
571-872153	87215-3	C	12	.584 (14.83)	1	3.69	3.33	2.95	2.64

AMP-LATCH NOVO CONNECTORS

Features:

- Mates with .025" square or round pin, .245" max. post length
- IDC for fast, economical mass termination
- Tuning fork contact offers a military approved design at an economical cost

Specifications:

- Current rating: 1A per contact max.
- Insulation resistance: 5000MΩ min.
- Termination resistance: 15mΩ max.
- Operating temperature range: -65°C to +105°C

Center / Military Polarized Receptacles

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Fig.	Position	Price Each		
			1	10	100
571-7462851	A	10	.52	.49	.46
571-7462852	A	14	.76	.72	.67
571-7462853	A	16	.80	.75	.70
571-7462854	A	20	.84	.79	.74
571-7462855	A	24	1.04	.98	.92
571-7462856	A	26	1.04	.98	.92
571-7462857	A	30	1.17	1.02	1.01
571-7462858	A	34	1.16	1.09	1.02
571-7462859	A	40	1.28	1.21	1.13
571-17462851	A	60	2.02	1.89	1.77

* Can be used in applications requiring center polarization

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Military Polarized Receptacles

For quantities of 500 and up, call for quote.

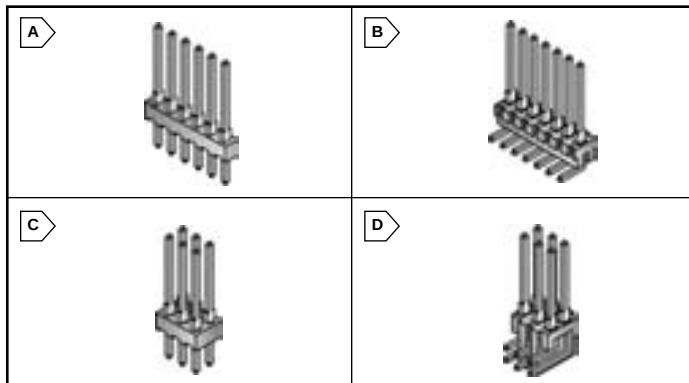
MOUSER STOCK NO.	Fig.	Position	Price Each		
			1	10	100
571-4999971	B	10	.52	.49	.46
571-4999972	B	14	.76	.72	.67
571-4999973	B	16	.80	.75	.70
571-4999974	B	20	1.34	1.26	1.18
571-4999975	B	24	1.52	1.27	1.14
571-4999976	B	26	1.04	.98	.92
571-4999977	B	30	1.16	1.09	1.02
571-4999978	B	34	1.35	1.17	1.02
571-4999979	B	40	1.28	1.21	1.13
571-1499970	B	50	1.56	1.47	1.37

** Can be used in applications requiring non-polarization as well as military polarization

Strain Reliefs

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Fig.	Position	Price Each		
			1	10	100
571-4992525	C	10	.12	.10	.09
571-4992529	C	14	.12	.10	.09
571-4992528	C	16	.12	.10	.09
571-4992522	C	20	.12	.10	.09
571-14992520	C	24	.14	.12	.11
571-4992523	C	26	.14	.12	.11
571-14992522	C	30	.14	.12	.11
571-4992526	C	34	.14	.12	.11
571-4992521	C	40	.17	.14	.12
571-4992524	C	50	.19	.16	.15
571-4992527	C	60	.21	.18	.16



.025" Square Straight Post - Double Row (cont.)

For quantities of 500 and up,
call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	No. of Pos.	Width	Plating	Price Each			
						1	25	50	100
571-872276	87227-6	C	12	.584 (14.83)	2	2.94	2.65	2.35	2.10
571-872154	87215-4	C	14	.684 (17.37)	1	4.23	3.81	3.38	3.03
571-872277	87227-7	C	14	.684 (17.37)	2	3.30	2.97	2.64	2.36
571-872155	87215-5	C	16	.784 (19.91)	1	4.77	4.30	3.81	3.41
571-872278	87227-8	C	16	.784 (19.91)	2	3.78	3.41	3.02	2.70
571-872157	87215-7	C	20	.984 (24.99)	1	4.38	3.95	3.50	3.13
571-1872270	1-87227-0	C	20	.984 (24.99)	2	4.68	4.22	3.74	3.35
571-872158	87215-8	C	24	1.184 (30.07)	1	7.02	6.32	5.61	5.03
571-1872272	1-87227-2	C	24	1.184 (30.07)	2	5.40	4.86	4.32	3.87
571-872159	87215-9	C	26	1.284 (32.61)	1	7.65	6.89	6.12	5.48
571-1872273	1-87227-3	C	26	1.284 (32.61)	2	5.97	5.38	4.77	4.27
571-1872157	1-87215-7	C	34	1.684 (42.77)	1	9.90	8.91	7.92	7.09
571-1872277	1-87227-7	C	34	1.684 (42.77)	2	7.77	7.00	6.21	5.56
571-2872155	2-87215-5	C	50	2.484 (63.09)	1	14.55	13.10	11.64	10.42
571-2872275	2-87227-5	C	50	2.484 (63.09)	2	11.34	10.21	9.07	8.12
571-3872150	3-87215-0	C	60	2.984 (75.79)	1	17.43	15.69	13.94	12.49
571-3872270	3-87227-0	C	60	2.984 (75.79)	2	13.68	12.32	10.94	9.80
571-4872150	4-87215-0	C	80	3.984 (101.19)	1	23.07	20.77	18.45	16.53
571-4872270	4-87227-0	C	80	3.984 (101.19)	2	17.94	16.15	14.35	12.85

.025" Square Right-Angle Post - Double Row

For quantities of 500 and up, call for quote.

571-1864793	1-86479-3	D	2	.084 (2.13)	1	.96	.87	.76	.68
571-872301	87230-1	D	2	.084 (2.13)	2	.87	.79	.69	.62
571-1864794	1-86479-4	D	4	.184 (4.67)	1	1.47	1.33	1.17	1.05
571-872302	87230-2	D	4	.184 (4.67)	2	1.29	1.17	1.03	.92
571-1864795	1-86479-5	D	6	.284 (7.21)	1	1.86	1.68	1.48	1.33
571-872303	87230-3	D	6	.284 (7.21)	2	1.47	1.33	1.17	1.05
571-1864796	1-86479-6	D	8	.384 (9.75)	1	2.49	2.25	1.99	1.78
571-872304	87230-4	D	8	.384 (9.75)	2	1.95	1.76	1.56	1.39
571-864793	86479-3	D	10	.484 (12.29)	1	3.15	2.84	2.52	2.25
571-872305	87230-5	D	10	.484 (12.29)	2	2.55	2.30	2.04	1.82
571-864794	86479-4	D	12	.584 (14.83)	1	3.60	3.24	2.88	2.58
571-872306	87230-6	D	12	.584 (14.83)	2	3.30	2.97	2.64	2.36
571-864795	86479-5	D	14	.684 (17.37)	1	4.38	3.95	3.50	3.13
571-872307	87230-7	D	14	.684 (17.37)	2	3.78	3.41	3.02	2.70
571-864792	86479-2	D	16	.784 (19.91)	1	4.95	4.46	3.96	3.54
571-872308	87230-8	D	16	.784 (19.91)	2	3.90	3.51	3.12	2.79
571-864791	86479-1	D	20	.984 (24.99)	1	6.18	5.57	4.94	4.42
571-1872300	1-87230-0	D	20	.984 (24.99)	2	4.77	4.30	3.81	3.41
571-864797	86479-7	D	24	1.184 (30.07)	1	7.38	6.65	5.90	5.28
571-1872302	1-87230-2	D	24	1.184 (30.07)	2	6.27	5.65	5.01	4.49
571-1864790	1-86479-0	D	26	1.284 (32.61)	1	7.95	7.16	6.36	5.69
571-1872303	1-87230-3	D	26	1.284 (32.61)	2	6.18	5.57	4.94	4.42
571-1864799	1-86479-9	D	30	1.484 (37.69)	1	9.21	8.29	7.36	6.60
571-1872305	1-87230-5	D	30	1.484 (37.69)	2	7.23	6.51	5.78	5.18
571-2864799	2-86479-9	D	50	2.484 (63.09)	1	12.87	11.59	10.29	9.22
571-2872305	2-87230-5	D	50	2.484 (63.09)	2	11.97	10.78	9.57	8.57
571-3864794	3-86479-4	D	60	2.984 (75.79)	1	18.39	16.56	14.71	13.17
571-3872300	3-87230-0	D	60	2.984 (75.79)	2	15.06	13.56	12.04	10.79
571-4864794	4-86479-4	D	80	3.984 (101.19)	1	24.15	21.74	19.32	17.30
571-4872300	4-87230-0	D	80	3.984 (101.19)	2	18.15	16.34	14.52	13.00

