



AMP VAL-U-LOK Connectors



Description: • Low cost, wire-to-wire and wire-to-board connectors with 4.2mm centerline
Features: • Easy mate and unmate with positive latch design • UL 94V-2 • Products are lead free • Internateable and interchangeable with Molex Mini-Fit, Jr. and internateable AMP-DUAC connectors
Ratings: • **Voltage Rating:** 600VAC • **Current Rating:** 9 Amps Max. in 2-position applications • **Dielectric Withstanding Voltage:** 1500VAC minimum • Component recognized by UL and Certified by CSA • UL File No. E28476 and CSA File No. 208567

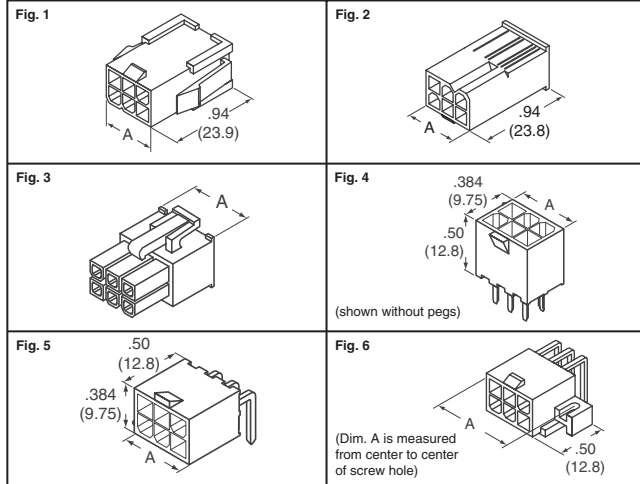


Fig.	No. of Contacts	Dimension A Inch (mm)	Digi-Key Part No.	1	Pricing 100	500	AMP Part No.
Housing							
Plugs - Panel Mount							
1	2	.21 (5.4)	A30578-ND	.16	6.02	26.59	794953-2
	3	.54 (13.8)	A99263-ND§	.26	9.68	42.71	1586101-3
	4	.38 (9.6)	A30579-ND	.17	6.63	29.25	794953-4
	5	.87 (22.2)	A99258-ND§	.33	12.44	54.89	1586022-5
	6	.54 (13.8)	A30580-ND	.16	7.29	32.16	794953-6
	8	.71 (18.0)	A30581-ND	.17	8.02	35.38	794953-8
	10	.87 (22.2)	A30582-ND	.17	8.82	38.93	1-794953-0
	12	1.04 (26.4)	A30583-ND	.17	9.71	42.80	1-794953-2
	14	1.21 (30.6)	A30584-ND	.17	10.67	47.10	1-794953-4
	16	1.37 (34.8)	A30585-ND	.18	11.74	51.80	1-794953-6
	18	1.54 (39.0)	A30586-ND	.20	12.92	56.98	1-794953-8
	20	1.70 (43.2)	A30587-ND	.22	14.21	62.68	2-794953-0
22	1.87 (47.4)	A30588-ND	.24	15.63	68.95	2-794953-2	
24	2.03 (51.6)	A30589-ND	.26	17.19	75.84	2-794953-4	
Plugs - Free Hanging							
2	2	.21 (5.4)	A30654-ND	.16	6.02	26.59	1586000-2
	3	.54 (13.8)	A99264-ND§	.26	9.68	42.71	1586103-3
	4	.38 (9.6)	A30655-ND	.17	6.63	29.25	1586000-4
	4	.71 (18.0)	A99259-ND§	.27	10.39	45.85	1586024-4
	5	.87 (22.2)	A99260-ND§	.34	12.94	57.11	1586024-5
	6	.54 (13.8)	A30656-ND	.16	7.29	32.16	1586000-6
	8	.71 (18.0)	A30657-ND	.17	8.02	35.38	1586000-8
	10	.87 (22.2)	A30658-ND	.17	8.82	38.93	1-1586000-0
	12	1.04 (26.4)	A30659-ND	.17	9.71	42.80	1-1586000-2
	14	1.21 (30.6)	A30660-ND	.17	10.67	47.10	1-1586000-4
	16	1.37 (34.8)	A30661-ND	.18	11.74	51.80	1-1586000-6
	18	1.54 (39.0)	A30662-ND	.20	12.92	56.98	1-1586000-8
20	1.70 (43.2)	A30663-ND	.22	14.21	62.68	2-1586000-0	
22	1.87 (47.4)	A30664-ND	.24	15.63	68.95	2-1586000-2	
24	2.03 (51.6)	A30665-ND	.26	17.19	75.84	2-1586000-4	
Receptacles - Free Hanging							
3	2	.23 (5.8)	A30591-ND	.16	6.02	26.59	794954-2
	3	.54 (13.8)	A99265-ND§	.26	10.02	44.20	1586105-3
	4	.39 (10.0)	A30591-ND	.17	6.63	29.25	794954-4
	4	.71 (18.0)	A99261-ND§	.28	10.58	46.65	1586026-4
	5	.87 (22.2)	A99262-ND§	.30	11.12	49.07	1586026-5
	6	.56 (14.2)	A30592-ND	.16	7.29	32.16	794954-6
	8	.72 (18.4)	A30593-ND	.17	8.02	35.38	794954-8
	10	.89 (22.6)	A30594-ND	.17	8.82	38.93	1-794954-0
	12	1.06 (26.8)	A30595-ND	.17	9.71	42.80	1-794954-2
	14	1.22 (31.0)	A30596-ND	.17	10.67	47.10	1-794954-4
	16	1.39 (35.2)	A30597-ND	.18	11.74	51.80	1-794954-6
	18	1.55 (39.4)	A30598-ND	.20	12.92	56.98	1-794954-8
20	1.72 (43.6)	A30599-ND	.22	14.21	62.68	2-794954-0	
22	1.88 (47.8)	A30600-ND	.24	15.63	68.95	2-794954-2	
24	2.05 (52.0)	A30601-ND	.26	17.19	75.84	2-794954-4	

Fig.	No. of Contacts	Dimension A Inch (mm)	Digi-Key Part No.	1	Pricing 100	500	AMP Part No.
Pin Header							
Vertical With Pegs							
4	2	.21 (5.4)	A30668-ND	.30	25.37	101.47	1586039-2
	4	.38 (9.6)	A30669-ND	.32	26.98	107.92	1586039-4
	6	.54 (13.8)	A30670-ND	.34	27.99	111.94	1586039-6
	8	.71 (18.0)	A30671-ND	.45	37.13	148.50	1586039-8
	10	.87 (22.2)	A30672-ND	.50	41.18	164.70	1-1586039-0
	12	1.04 (26.4)	A30673-ND	.65	54.00	216.00	1-1586039-2
	14	1.21 (30.6)	A30674-ND	.70	58.05	232.20	1-1586039-4
	16	1.37 (34.8)	A30675-ND	.74	62.10	248.40	1-1586039-6
	18	1.54 (39.0)	A30676-ND	.78	65.47	261.90	1-1586039-8
	20	1.70 (43.2)	A30677-ND	.87	72.90	291.60	2-1586039-0
	22	1.87 (47.4)	A30678-ND	.92	76.95	307.80	2-1586039-2
	24	2.03 (51.6)	A30679-ND	.98	81.67	326.70	2-1586039-4
Vertical Without Pegs							
4	2	.21 (5.4)	A30602-ND	.35	29.32	117.25	1586037-2
	4	.38 (9.6)	A30603-ND	.40	33.40	133.61	1586037-4
	6	.54 (13.8)	A30604-ND	.42	34.89	139.57	1586037-6
	8	.71 (18.0)	A30605-ND	.51	42.43	169.72	1586037-8
	10	.87 (22.2)	A30606-ND	.57	47.06	188.23	1-1586037-0
	12	1.04 (26.4)	A30607-ND	.74	61.72	246.85	1-1586037-2
	14	1.21 (30.6)	A30608-ND	.79	66.35	265.37	1-1586037-4
	16	1.37 (34.8)	A30609-ND	.85	70.97	283.88	1-1586037-6
	18	1.54 (39.0)	A30610-ND	.90	74.83	299.31	1-1586037-8
	20	1.70 (43.2)	A30611-ND	1.00	83.32	333.25	2-1586037-0
	22	1.87 (47.4)	A30612-ND	1.06	87.94	351.77	2-1586037-2
	24	2.03 (51.6)	A30613-ND	1.12	93.34	373.36	2-1586037-4
Right Angle Without Pegs							
5	2	.21 (5.4)	A30614-ND	.49	40.50	162.00	1586041-2
	4	.38 (9.6)	A30615-ND	.54	44.55	178.19	1586041-4
	6	.54 (13.8)	A30616-ND	.59	49.27	197.10	1586041-6
	8	.71 (18.0)	A30617-ND	.65	54.00	216.00	1586041-8
	10	.87 (22.2)	A30618-ND	.70	58.05	232.20	1-1586041-0
	12	1.04 (26.4)	A30619-ND	.86	72.22	288.90	1-1586041-2
	14	1.21 (30.6)	A30620-ND	.92	76.95	307.80	1-1586041-4
	16	1.37 (34.8)	A30621-ND	.98	81.67	326.70	1-1586041-6
	18	1.54 (39.0)	A30622-ND	1.03	85.73	342.90	1-1586041-8
	20	1.70 (43.2)	A30623-ND	1.13	93.82	375.29	2-1586041-0
	22	1.87 (47.4)	A30624-ND	1.19	98.55	394.20	2-1586041-2
	24	2.03 (51.6)	A30625-ND	1.25	103.95	415.80	2-1586041-4
Right Angle With Flange							
6	2	.35 (9.0)	A30626-ND	.48	40.06	160.22	1586043-2
	4	.52 (13.2)	A30627-ND	.49	40.54	162.15	1586043-4
	6	.69 (17.4)	A30628-ND	.50	41.43	165.69	1586043-6
	8	.85 (21.6)	A30629-ND	.78	65.57	262.29	1586043-8
	10	1.02 (25.8)	A30630-ND	.85	70.49	281.95	1-1586043-0
	12	1.18 (30.0)	A30631-ND	1.05	87.70	350.80	1-1586043-2
	14	1.35 (34.2)	A30632-ND	1.12	93.44	373.76	1-1586043-4
	16	1.51 (38.4)	A30633-ND	1.15	95.36	381.45	1-1586043-6
	18	1.68 (42.6)	A30634-ND	1.15	96.09	384.34	1-1586043-8
	20	1.84 (46.8)	A30635-ND	1.15	96.41	385.62	2-1586043-0
	22	2.01 (51.0)	A30636-ND	1.43	119.66	478.66	2-1586043-2
	24	2.17 (55.2)	A30637-ND	1.51	126.22	504.90	2-1586043-4
Tools							
Tool Crimp, 4.2mm PE, 22-26AWG				A30666-ND	255.13/1		91387-1
Tool Crimp, 4.2mm PE, 18-22AWG				A30667-ND	255.13/1		91388-1

§ Single Row

† Cut Tape ‡ Tape and Reel

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