



### AMP 1.00mm HPI Connectors



**Features:** • Standard terminal design compatible with general market discrete wire to board products • Small pitch discrete wire interconnect • 28 - 32 AWG **Applications:** • Business equipment • Industrial machines • Wire-to-board applications • Plasma display panels • LCD monitor • LED equipment • Small electronics equipment • Anywhere where signals or power are routed

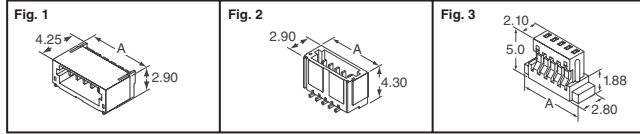


Fig.	No. of Positions	Dim. A (mm)	Digi-Key Part No.	Pricing			Tape and Reel†		AMP Part No.	
				1	25	50	Qty.	Pricing		
<b>Right Angle SMT, Header</b>										
1	2	4.30	A99955CT-ND	.77	17.54	31.18	1,500	441.82/M	1734709-2	
	3	5.30	A99956CT-ND	1.07	24.00	42.68	1,500	604.62/M	1734709-3	
	4	6.30	A99957CT-ND	1.35	30.30	53.86	1,500	763.07/M	1734709-4	
	5	7.30	A99958CT-ND	1.47	33.04	58.73	1,500	832.13/M	1734709-5	
	6	8.30	A99959CT-ND	1.58	35.70	63.45	1,500	898.90/M	1734709-6	
	7	9.30	A99960CT-ND	1.84	41.41	73.61	1,500	1042.85/M	1734709-7	
	8	10.30	A99961CT-ND	1.64	36.95	65.70	1,500	930.76/M	1734709-8	
	9	11.30	A99962CT-ND	1.66	37.40	66.50	1,500	942.01/M	1734709-9	
	10	12.30	A99963CT-ND	2.19	49.26	87.58	1,500	1240.83/M	1-1734709-0	
	12	14.30	A99964CT-ND	1.74	39.17	69.64	1,500	986.65/M	1-1734709-2	
	14	16.30	A99965CT-ND	2.20	49.40	87.81	1,500	1244.00/M	1-1734709-4	
	15	17.30	A99966CT-ND	2.31	51.91	92.30	1,500	1307.52/M	1-1734709-5	
	<b>Vertical SMT, Header</b>									
	2	2	4.3	A99943CT-ND	1.10	24.72	43.96	1,000	622.66	1734595-2
		3	5.3	A99944CT-ND	1.73	38.95	69.25	1,000	981.08	1734595-3
4		6.3	A99945CT-ND	1.20	26.91	47.83	1,000	677.61	1734595-4	
5		7.3	A99946CT-ND	1.40	31.63	56.23	1,000	796.64	1734595-5	
6		8.3	A99947CT-ND	2.27	50.93	90.56	1,000	1282.89	1734595-6	
7		9.3	A99948CT-ND	1.72	38.60	68.62	1,000	972.15	1734595-7	
8		10.3	A99949CT-ND	2.67	60.11	106.87	1,000	1513.98	1734595-8	
9		11.3	A99950CT-ND	2.82	63.47	112.83	1,000	1598.47	1734595-9	
10		12.3	A99951CT-ND	2.95	66.34	117.93	1,000	1670.72	1-1734595-0	
12		14.3	A99952CT-ND	2.03	45.69	81.22	1,000	1150.71	1-1734595-2	
14		16.3	A99953CT-ND	3.40	76.49	135.97	1,000	1926.31	1-1734595-4	
15		17.3	A99954CT-ND	3.40	76.61	136.20	1,000	1929.52	1-1734595-5	
<b>Receptacle, Housing</b>										
3		2	5.00	A99931-ND	.15	3.32	5.54	—	—	1470364-2
		3	6.00	A99932-ND	.27	6.10	10.18	—	—	1470364-3
	4	7.00	A99933-ND	.39	8.83	14.71	—	—	1470364-4	
	5	8.00	A99934-ND	.50	11.42	19.04	—	—	1470364-5	
	6	9.00	A99935-ND	.59	13.54	22.57	—	—	1470364-6	
	7	10.00	A99936-ND	.71	15.96	26.60	—	—	1470364-7	
	8	11.00	A99937-ND	.81	18.37	30.62	—	—	1470364-8	
	9	12.00	A99938-ND	.84	19.10	31.82	—	—	1470364-9	
	10	13.00	A99939-ND	.90	20.20	33.66	—	—	1-1470364-0	
	12	15.00	A99940-ND	1.04	23.57	39.28	—	—	1-1470364-2	
	14	17.00	A99941-ND	1.28	28.95	48.25	—	—	1-1470364-4	
	15	18.00	A99942-ND	1.37	30.97	51.62	—	—	1-1470364-5	

† For Tape and Reel part number, change CT-ND to TR-ND.

Description	Wire Range	Digi-Key Part No.	Pricing			Tape and Reel†	AMP Part No.
			100	500	1,000		
<b>1mm HPI Contact</b>							
Receptacle	28 - 32 AWG	A99930CT-ND	5.51	25.27	45.95	24.82/M	1734597-1

† For Tape and Reel part number, change CT-ND to TR-ND.

### AMP HPI 1.25mm Connectors



**Features:** • High performance and high reliability • Inter-changeable with competitors • Header and COSI connectors (crimp on snap in) • Polarized • Positive latching with audible click feedback when mating • Different colors  
**Applications:** • Business equipment • Industrial machines • Anywhere where there is a routing signal or power • Wire-to-Board applications • Plasma display panels • LCD monitors • Small electronics equipment

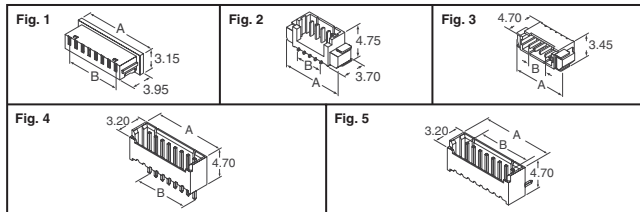


Fig.	Color	No. of Positions	Dimensions - mm		Digi-Key Part No.	Pricing			AMP Part No.
			A	B		1	25	100	
<b>Receptacle Housing</b>									
1	Natural	2	4.25	1.25	A98722-ND	.07	1.63	4.60	440146-2
	Natural	3	5.50	2.50	A98723-ND	.08	1.87	5.32	440146-3
	Natural	4	6.75	3.75	A98724-ND	.08	1.90	5.39	440146-4

Fig.	Color	No. of Positions	Dimensions - mm		Digi-Key Part No.	Pricing			AMP Part No.
			A	B		1	25	100	
1	Natural	5	8.00	5.00	A98725-ND	.09	1.96	5.57	440146-5
	Natural	6	9.25	6.25	A98726-ND	.24	5.25	14.87	440146-6
	Natural	7	10.50	7.50	A98727-ND	.28	6.26	17.74	440146-7
	Natural	8	11.75	8.75	A98728-ND	.12	2.84	8.05	440146-8
	Natural	9	13.00	10.00	A98729-ND	.13	2.98	8.46	440146-9
	Natural	10	14.25	11.25	A98730-ND	.15	3.32	9.40	1-440146-0
	Natural	11	15.50	12.50	A98731-ND	.16	3.65	10.35	1-440146-1
	Natural	12	16.75	13.75	A98732-ND	.19	4.25	12.06	1-440146-2
	Natural	13	18.00	15.00	A98733-ND	.18	4.06	11.50	1-440146-3
	Natural	14	19.25	16.25	A98734-ND	.20	4.65	13.17	1-440146-4
	Natural	15	20.50	17.50	A98735-ND	.22	5.15	14.58	1-440146-5

Fig.	No. of Positions	Dim. - mm		Digi-Key Part No.	Cut Tape Pricing			Tape and Reel†	AMP Part No.
		A	B		1	25	50		

<b>Post Header Assemblies</b>									
<b>Vertical, SMT</b>									
2	2	7.79	1.25	A98736CT-ND	.95	21.39	38.02	538.67	1734260-2
	3	9.04	2.50	A98737CT-ND	1.09	24.40	43.36	614.27	1734260-3
	4	10.29	3.75	A98738CT-ND	2.35	52.88	94.00	1331.72	1734260-4
	5	11.54	5.00	A98739CT-ND	2.60	58.58	104.13	1475.18	1734260-5
	6	12.79	6.25	A98740CT-ND	3.28	73.73	131.07	1856.82	1734260-6
	7	14.04	7.50	A98741CT-ND	3.32	74.86	133.09	1885.39	1734260-7
	8	15.29	8.75	A98742CT-ND	3.29	74.03	131.61	1864.48	1734260-8
	9	16.54	10.00	A98743CT-ND	2.31	52.03	92.51	1310.55	1734260-9
	10	17.79	11.25	A98744CT-ND	2.44	54.69	97.22	1377.40	1-1734260-0
	11	19.04	12.50	A98745CT-ND	4.25	95.75	170.22	2411.47	1-1734260-1
	12	20.29	13.75	A98746CT-ND	4.44	100.11	177.96	2521.10	1-1734260-2
	13	21.54	15.00	A98747CT-ND	5.35	120.54	214.31	3036.00	1-1734260-3
	14	22.79	16.25	A98748CT-ND	5.67	127.47	226.60	3210.17	1-1734260-4
	15	24.04	17.50	A98749CT-ND	5.88	132.40	235.38	3334.61	1-1734260-5

<b>Right Angle, SMT</b>									
3	2	7.79	1.25	A98750CT-ND	1.03	23.13	41.10	582.38	1734261-2
	3	9.04	2.50	A98751CT-ND	1.94	43.66	77.62	1099.68	1734261-3
	4	10.29	3.75	A98809CT-ND	2.51	56.58	100.59	1425.00	1734261-4
	5	11.54	5.00	A98752CT-ND	1.67	37.67	66.97	948.72	1734261-5
	6	12.79	6.25	A98753CT-ND	1.80	40.38	71.78	1017.00	1734261-6
	7	14.04	7.50	A98754CT-ND	3.32	74.86	133.09	1885.35	1734261-7
	8	15.29	8.75	A98755CT-ND	2.14	48.32	85.90	1216.90	1734261-8
	9	16.54	10.00	A98756CT-ND	2.31	52.03	92.51	1310.54	1734261-9
	10	17.79	11.25	A98757CT-ND	3.98	89.66	159.39	2258.02	1-1734261-0
	11	19.04	12.50	A98758CT-ND	4.25	95.75	170.22	2411.47	1-1734261-1
	12	20.29	13.75	A98759CT-ND	2.72	61.07	108.56	1537.88	1-1734261-2
	13	21.54	15.00	A98760CT-ND	3.27	73.54	130.72	1851.95	1-1734261-3
	14	22.79	16.25	A98761CT-ND	3.46	77.75	138.23	1958.20	1-1734261-4
	15	24.04	17.50	A98762CT-ND	3.59	80.76	143.58	2034.12	1-1734261-5

<b>Vertical, Through Hole</b>									
4	2	4.25	1.25	A99914-ND	.43	9.58	17.03	—	1734598-2
	3	5.50	2.50	A99915-ND	.57	12.78	22.72	—	1734598-3
	4	6.75	3.75	A99916-ND	.75	16.90	30.04	—	1734598-4
	5	8.00	5.00	A99917-ND	.74	16.75	29.79	—	1734598-5
	6	9.25	6.25	A99918-ND	.84	18.84	33.50	—	1734598-6
	7	10.50	7.50	A99919-ND	.92	20.67	36.75	—	1734598-7
	8	11.75	8.75	A99920-ND	1.00	22.49	39.98	—	1734598-8
	9	13.00	10.00	A99921-ND	1.31	29.56	52.54	—	1734598-9
	10	14.25	11.25	A99922-ND	1.43	32.19	57.23	—	1-1734598-0
	11	15.50	12.50	A99923-ND	1.55	34.93	62.11	—	1-1734598-1
	12	16.75	13.75	A99924-ND	1.65	37.09	65.94	—	1-1734598-2
	13	18.00	15.00	A99925-ND	1.71	38.30	68.09	—	1-1734598-3
	14	19.25	16.25	A99926-ND	1.75	39.50	70.22	—	1-1734598-4
	15	20.50	17.50	A99927-ND	1.94	43.80	77.87	—	1-1734598-5

<b>Right Angle, Through Hole</b>									
5	2	4.25	1.25	A99900-ND	.24	5.27			