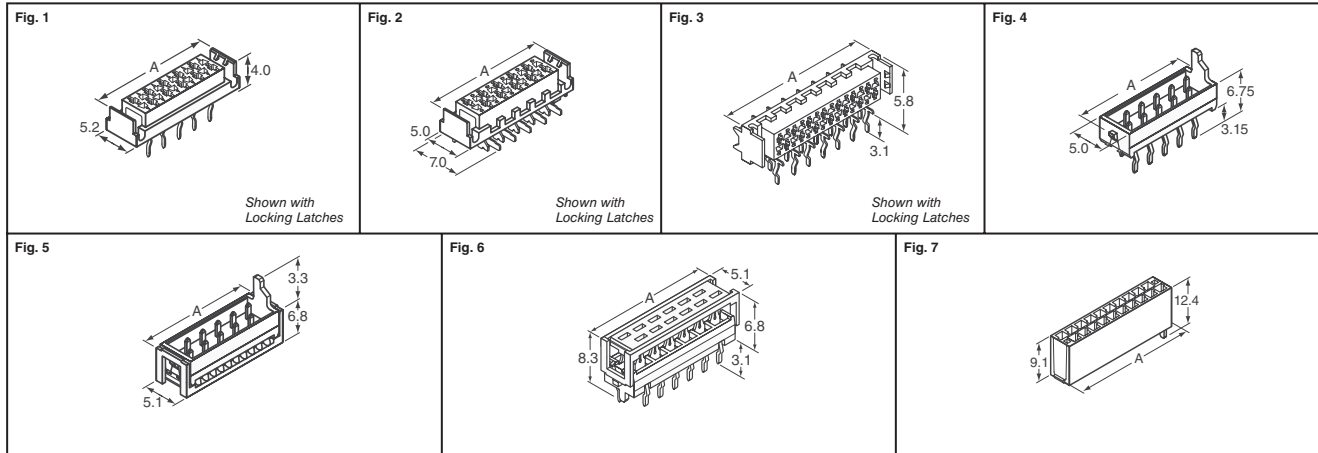


AMP Micro-Match Connectors

Features: • One of the smallest 1.27mm ribbon cable systems • Tin plated contact design • Fretting corrosion proof due to unique contact design
Specifications: • Housing: UL94V-0 Rated • Contacts: Tin-plated • Current Rating: 1.5A • Color: Red



No. of Positions	Dim. A (mm)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel†		AMP Part No.
			1	10	100	Qty.	Pricing	
Fig. 1 — Female-On-Board, Top Entry Through-Hole, without Locking Latches								
4	7.1	A99472CT-ND	.81	.66	.49	250	98.31	7-215079-4
6	9.7	A30729CT-ND	1.03	.85	.63	250	125.85	7-215079-6
8	12.2	A99471CT-ND	1.14	.93	.68	250	137.63	7-215079-8
10	14.7	A99470CT-ND	1.33	1.09	.80	250	161.23	8-215079-0
12	17.3	A99469CT-ND	1.52	1.24	.92	250	184.82	8-215079-2
14	19.8	A99468CT-ND	1.71	1.40	1.03	250	208.42	8-215079-4
16	22.4	A99467CT-ND	1.91	1.56	1.15	250	232.02	8-215079-6
18	24.9	A99466CT-ND	2.11	1.72	1.27	250	255.62	8-215079-8
20	27.4	A99465CT-ND	2.30	1.88	1.38	250	279.21	9-215079-0
Fig. 1 — Female-On-Board, Top Entry Through-Hole, with Locking Latches								
4	9.7	A99438CT-ND	.41	.34	.25	2,500	162.54/M	338068-4
6	12.2	A99437CT-ND	.49	.40	.30	2,500	194.66/M	338068-6
8	14.7	A99436CT-ND	.55	.45	.34	2,500	221.21/M	338068-8
10	17.3	A99504CT-ND	.84	.69	.51	2,500	335.87/M	1-338068-0
12	19.8	A99503CT-ND	.92	.75	.56	2,500	367.48/M	1-338068-2
14	22.4	A99502CT-ND	1.07	.87	.65	2,500	427.05/M	1-338068-4
16	24.9	A99501CT-ND	1.22	1.00	.73	2,500	486.66/M	1-338068-6
18	27.4	A99500CT-ND	1.37	1.12	.82	2,500	546.24/M	1-338068-8
20	30.0	A99499CT-ND	1.65	1.35	1.00	2,500	660.90/M	2-338068-0
Fig. 2 — Female-On-Board, Top Entry Surface Mount, without Locking Latches								
4	7.1	A99473CT-ND	.84	.69	.51	900	312.02	7-188275-4
6	9.7	A99474CT-ND	1.19	.97	.71	900	440.50	7-188275-6
8	12.2	A99475CT-ND	1.33	1.09	.80	900	495.56	7-188275-8
10	14.7	A99476CT-ND	1.63	1.33	.98	900	605.69	8-188275-0
12	17.3	A99477CT-ND	1.92	1.57	1.16	900	715.83	8-188275-2
14	19.8	A99478CT-ND	2.22	1.81	1.33	900	825.94	8-188275-4
16	22.4	A99479CT-ND	2.51	2.05	1.51	900	936.06	8-188275-6
18	24.9	A99480CT-ND	2.80	2.29	1.69	900	1046.18	8-188275-8
20	27.5	A99481CT-ND	3.10	2.53	1.87	900	1156.32	9-188275-0
Fig. 2 — Female-On-Board, Top Entry Surface Mount, with Locking Latches								
4	9.7	A99435CT-ND	.94	.77	.57	900	348.28	7-338069-4
6	12.2	A99434CT-ND	1.37	1.12	.83	900	510.80	7-338069-6
8	14.7	A99433CT-ND	1.55	1.27	.94	900	580.45	7-338069-8
10	17.3	A99432CT-ND	1.93	1.58	1.16	900	719.77	8-338069-0
12	19.8	A99431CT-ND	2.31	1.88	1.39	900	859.08	8-338069-2
14	22.4	A99430CT-ND	2.67	2.19	1.61	900	998.37	8-338069-4
16	24.9	A99429CT-ND	3.05	2.49	1.84	900	1137.68	8-338069-6
18	27.4	A99428CT-ND	3.43	2.79	2.06	900	1276.98	8-338069-8
20	30.0	A99427CT-ND	3.80	3.10	2.28	900	1416.30	9-338069-0
Fig. 3 — Female-On-Board, Side Entry Through-Hole, without Locking Latches								
4	7.1	A99455CT-ND	.90	.73	.54	250	108.85	7-215460-4
6	9.7	A30730CT-ND	1.09	.89	.66	250	132.68	7-215460-6
8	12.2	A99454CT-ND	1.35	1.10	.81	250	163.88	7-215460-8
10	14.7	A99453CT-ND	1.55	1.27	.94	250	188.55	8-215460-0
12	17.3	A99452CT-ND	1.83	1.50	1.10	250	222.53	8-215460-2
14	19.8	A99451CT-ND	2.11	1.72	1.27	250	256.05	8-215460-4
16	22.4	A99450CT-ND	2.39	1.95	1.44	250	290.03	8-215460-6
18	24.9	A99449CT-ND	2.85	2.33	1.72	250	346.11	8-215460-8
20	27.4	A99448CT-ND	2.95	2.41	1.77	250	358.01	9-215460-0
Fig. 3 — Female-On-Board, Side Entry Through-Hole, with Locking Latches								
4	9.7	A99482CT-ND	.92	.75	.56	1,500	367.08/M	338070-4
6	12.2	A99483CT-ND	1.20	.98	.72	2,500	479.64/M	338070-6
8	14.7	A99484CT-ND	1.67	1.36	1.01	2,500	667.42/M	338070-8

No. of Positions	Dim. A (mm)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel†		AMP Part No.
			1	10	100	Qty.	Pricing	
10	17.3	A99485CT-ND	2.07	1.69	1.25	2,500	827.59/M	1-338070-0
12	19.8	A99486CT-ND	2.47	2.02	1.49	2,500	987.77/M	1-338070-2
14	22.4	A99487CT-ND	2.87	2.34	1.73	2,500	1147.93/M	1-338070-4
16	24.9	A99488CT-ND	2.99	2.45	1.80	2,500	1199.11/M	1-338070-6
18	27.4	A99489CT-ND	3.36	2.74	2.02	2,500	1345.93/M	1-338070-8
Fig. 4 — Male-On-Board, Top Entry Through-Hole								
4	8.2	A99447CT-ND	1.03	.84	.62	—	—	7-215464-4
8	13.3	A99445CT-ND	1.34	1.09	.81	250	162.15	7-215464-8
10	15.8	A99444CT-ND	1.47	1.21	.89	250	179.15	8-215464-0
12	18.3	A99443CT-ND	1.73	1.42	1.04	250	210.39	8-215464-4
14	20.8	A99442CT-ND	1.90	1.55	1.14	250	230.37	8-215464-8
16	23.4	A99441CT-ND	2.08	1.70	1.26	250	253.15	8-215464-6
18	25.9	A99440CT-ND	2.33	1.90	1.40	250	283.20	8-215464-8
20	28.4	A99439CT-ND	2.48	2.03	1.49	250	301.43	9-215464-0
Fig. 5 — Male-On-Wire IDC Connectors								
4	8.6	A99464CT-ND	.89	.73	.54	250	107.57	7-215083-4
6	11.1	A99463CT-ND	1.15	.95	.70	250	140.47	7-215083-6
8	13.6	A99462CT-ND	1.25	1.02	.75	250	151.56	7-215083-8
10	16.2	A99461CT-ND	1.43	1.17	.86	250	173.74	8-215083-0
12	18.7	A99460CT-ND	1.61	1.32	.97	250	195.92	8-215083-2
14	21.3	A99459CT-ND	1.79	1.47	1.08	250	218.10	8-215083-4
16	23.8	A99458CT-ND	1.98	1.62	1.19	250	240.28	8-215083-6
18	26.3	A99457CT-ND	2.13	1.74	1.28	250	258.76	8-215083-8
20	28.9	A99456CT-ND	2.31	1.89	1.39	250	280.94	9-215083-0
Fig. 6 — Paddle Board, Through-Hole IDC Connectors								
4	8.6	A99426CT-ND	1.00	.82	.60	250	121.30	7-215570-4
6	11.1	A99425CT-ND	1.31	1.07	.79	250	158.41	7-215570-6
8	13.6	A99424CT-ND	1.41	1.15	.85	250	170.91	7-215570-8
10	16.2	A99423CT-ND	1.61	1.32	.97	250	195.92	8-215570-0
12	18.7	A99422CT-ND	1.82	1.49	1.10	250	220.92	8-215570-2
14	21.3	A99421CT-ND	2.03	1.65	1.22	250	245.94	8-215570-4
16	23.8	A99420CT-ND	2.23	1.82	1.34	250	270.96	8-215570-6
18	26.3	A99419CT-ND	2.99	2.45	1.80	250	364.15	8-215570-8
20	28.9	A99418CT-ND	2.61	2.13	1.57	250	316.80	9-215570-0
Fig. 7 — Contact Housings — Discrete Wire								
4	8.4	A99417-ND§	.34	.27	.22	—	—	338095-4
6	10.9	A99416-ND§	.38	.31	.25	—	—	338095-6
8	13.5	A99415-ND§	.61	.49	.39	—	—	338095-8
10	16.0	A99498-ND§	.66	.53	.43	—	—	1-338095-0
12	18.5	A99497-ND§	.84	.68	.54	—	—	1-338095-2
14	21.1	A99496-ND§	.94	.75	.60	—	—	1-338095-4
16	23.6	A99495-ND§	1.06	.85	.68	—	—	1-338095-6
18	26.2	A99494-ND§	1.17	.94	.75	—	—	1-338095-8
20	28.7	A99493-ND§	1.27	1.02	.82	—	—	2-338095-0
Contacts								
24 ~ 28AWG Pre-Tin		A99492CT-ND	.18	.15	.11	750	56.40	1-338096-1
20 ~ 24AWG Pre-Tin		A99491CT-ND	.20	.17	.12	750	61.41	1-338097-1
Tool								
Basic Tooling Kit		A99899-ND§	633.56	—	—	—	—	734155-1

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

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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