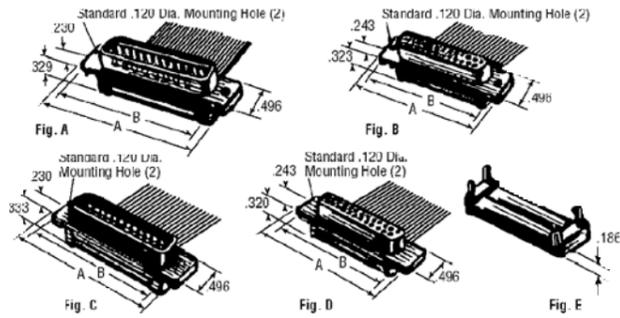


HDF Subminiature D Connectors with Standard Mounting Holes



HDF-20 Low Profile Metal Shell Connectors — Tin Plated Shells

Stock No.	Mfr.'s Type	Fig.	No. of Pos.	Description	Finish*	EACH		
						1-99	100-499	500-999
512-0155	747306-4	A	9	Plug	1	4.30	3.87	3.23
512-0165	747306-3	A	15	Plug	1	4.90	4.41	3.68
512-0175	747306-2	A	25	Plug	1	5.49	4.99	4.58
512-0185	747306-1	A	37	Plug	1	8.33	7.42	6.13
512-0160	747303-4	B	9	Receptacle	1	4.30	3.87	3.23
512-0170	747303-3	B	15	Receptacle	1	4.90	4.45	3.68
512-0180	747303-2	B	25	Receptacle	1	6.10	5.54	4.58
512-0190	747303-1	B	37	Receptacle	1	8.17	7.35	6.13

HDF-20 Low Profile All-Plastic Connectors

Stock No.	Mfr.'s Type	Fig.	No. of Pos.	Description	Finish*	EACH		
						1-99	100-499	500-999
512-0055	747321-4	C	9	Plug	1	3.98	3.58	2.98
512-0065	747321-3	C	15	Plug	1	4.17	3.79	3.47
512-0070	747321-2	C	25	Plug	1	5.20	4.72	4.33
512-0085	747321-1	C	37	Plug	1	7.25	6.46	5.92
512-0060	747318-4	D	9	Receptacle	1	3.58	3.25	2.98
512-0067	747318-3	D	15	Receptacle	1	4.17	3.79	3.47
512-0080	747318-2	D	25	Receptacle	1	5.20	4.72	4.33
512-0090	747318-1	D	37	Receptacle	1	7.25	6.46	5.92

Strain Reliefs

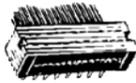
Stock No.	Mfr.'s Type	Fig.	No. of Pos.	Description	Finish*	1-99	100-499	500-999
512-0056	747275-4	E	9	Strain Relief	—	.24	.22	.18
512-0068	747275-3	E	15	Strain Relief	—	.27	.25	.20
512-0076	747275-2	E	25	Strain Relief	—	.30	.27	.23
512-0088	747275-1	E	37	Strain Relief	—	.36	.33	.27

HDF Subminiature D Hardware Metal Shell and All Plastic

Stock No.	Mfr.'s Type	Fig.	No. of Pos.	Description	Finish*	1-99	100-499	500-999
512-3552	746881-1	—	—	Male Screw Retainers	—	1.53	1.37	1.14
512-9070	205817-1†	—	—	Female Screw Locks	—	.99	.89	.74

*Contact Plating: 1= Phosphor bronze, duplex plated .000030 gold on mating end, tin-lead on termination end, with entire contact nickel underplated. †Set of 2.

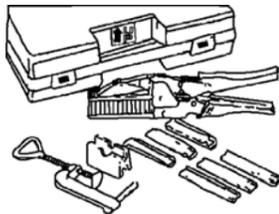
AMP-LATCH® DIP Plugs with Cover



.100" x .100" Centers

Stock No.	Mfr.'s Type	No. of Pos.	Overall Length A	Finish*	EACH		
					1-99	100-499	500-999
512-3560	746610-1	10	0.680	1	.68	.61	.51
512-3561	746610-2	14	0.880	1	.75	.67	.56
512-3562	746610-3	16	0.980	1	.85	.77	.64
512-3563	746610-4	20	1.180	1	.94	.85	.71
512-3565	746610-6	26	1.480	1	1.18	1.06	.88
512-3567	746610-8	34	1.880	1	1.41	1.27	1.06
512-3568	746610-9	40	2.180	1	1.59	1.43	1.19
512-3569	1-746610-0	50	2.680	1	1.86	1.67	1.39

*Contact Plating: 1 = .000100-.000200" (0.00254-0.0-0.00508 mm) bright tin-lead over .000050" (0.00127 mm) nickel on entire contact.

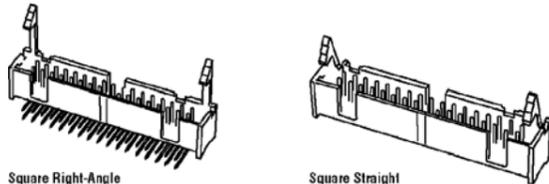


AMP-LATCH® Connector Termination Kit

Includes the hand tool, a bench mount clamp, locators for receptacles, card edge, D-sub's, and a plastic case. Termination of connectors to flat cable up to and including 60 conductors.

512-3795, 768340-1 EACH 1454.23

AMP-LATCH® Connectors

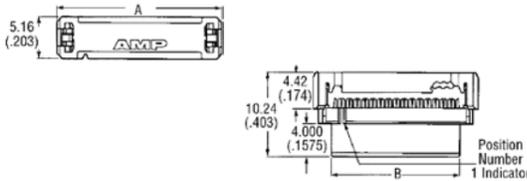


Low profile headers-shrouded, .100 (2.54) end dimension, .100 x .100 (2.54 x 2.54) centers. Double row with ejection latches, .025 (0.64). **Material and Finish, Housing and Latches:** Thermoplastic 94V-0 rated, black. **Contacts:** Copper alloy, duplex plated .000030 [0.00076] gold on pin end, .000100-.000200 [0.00254-0.00508] bright tin-lead on termination end all over nickel underplating with .000050 [0.00127] nickel.

Stock No.	Mfr.'s Type	No. of Pos.	Post Type	Latching Height*	EACH	
					1-99	100-499
512-2359	104130-1	10	Square Right-Angle	0.585	2.17	1.95
512-2360	104315-1	10	Square Right-Angle	0.435	5.69	5.12
512-2361	104130-2	14	Square Right-Angle	0.585	6.32	5.69
512-2362	104130-3	16	Square Right-Angle	0.585	6.60	5.94
512-0963	104130-4	20	Square Right-Angle	0.585	7.14	6.43
512-2363	104130-5	26	Square Right-Angle	0.585	3.01	2.71
512-2364	104315-5	26	Square Right-Angle	0.435	7.91	7.12
512-2365	104130-6	34	Square Right-Angle	0.585	8.98	8.08
512-2366	104130-7	40	Square Right-Angle	0.585	3.60	3.24
512-2367	104315-9	50	Square Right-Angle	0.435	10.79	9.71
512-2368	104128-1	10	Square Straight	0.585	2.07	1.87
512-2369	104313-1	10	Square Straight	0.435	2.07	1.87
512-2370	104128-2	14	Square Straight	0.585	6.21	5.59
512-2371	104313-2	14	Square Straight	0.435	6.21	5.59
512-2372	104128-3	16	Square Straight	0.585	6.48	5.83
512-2373	104313-3	16	Square Straight	0.435	6.48	5.83
512-2374	104128-4	20	Square Straight	0.585	6.96	6.26
512-2375	104313-4	20	Square Straight	0.435	6.96	6.26
512-2376	104128-5	26	Square Straight	0.585	2.76	2.49
512-2377	104313-5	26	Square Straight	0.435	7.75	6.98
512-2378	104128-6	34	Square Straight	0.585	8.75	7.87
512-2379	104128-7	40	Square Straight	0.585	9.41	8.47
512-2382	104313-7	40	Square Straight	0.435	9.41	8.47
512-2383	104128-9	50	Square Straight	0.585	4.29	3.86
512-2384	104313-9	50	Square Straight	0.435	10.52	9.47
512-2391	1-104128-0	60	Square Straight	0.585	2.09	1.88

*Latching Height: .585 to be used when mating to receptacle with strain relief, .435 to be used when mating to a receptacle without strain relief.

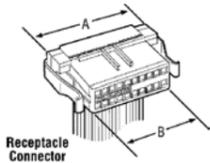
2 mm AMP-LATCH® Ribbon Cable Connectors



► **Housing Material:** 94V-0 Rated Polyester, Black
► **Industry Uses:** Laptop/Notebook Computers, Point of Sale Terminals, Fax Machines, Photo Copiers, Printers, Computer Peripheral Equipment

Stock No.	Mfr.'s Type	No. of Pos.	Dim. (mm)		EACH		
			A	B	1-24	25-99	100-499
512-7668	111626-9	40	45.19	40.41	2.49	2.26	2.07
512-7670	1-111626-0	44	49.17	44.40	3.03	2.72	2.27
512-7672	1-111626-1	50	55.17	50.39	3.45	3.11	2.59

AMPMODU® System 50 Ribbon Cable Connectors



► **Minimizes PCB Real Estate**
► **Used with .025 CL Ribbon Cable**
► **Housing Material:** 94V-0 Rated Thermoplastic, Black

Receptacle Connectors

Stock No.	Mfr.'s Type	No. of Pos.	Dim. (mm)		EACH		
			A	B	1-24	25-99	100-499
512-8782	111196-4	20	19.30	17.65	3.45	3.10	2.58
512-7690	111196-9	40	32.00	30.35	8.49	7.49	6.24
512-7692	1-111196-1	50	38.35	36.70	10.04	9.04	7.53