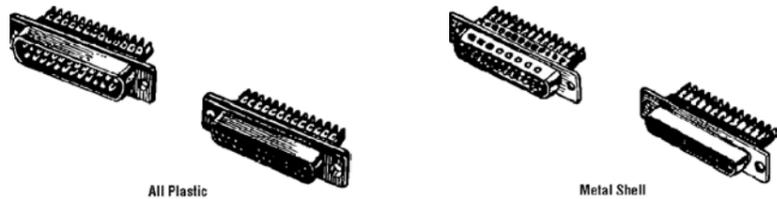


AMPLIMITE® Subminiature D Connectors and Individual D-Sub Kits



HDE-20 Insulation Displacement D-Sub Connectors

All connectors are preloaded with insulation displacement crimp contacts. Pins in plugs and sockets in receptacles. Contacts accept a max. wire insulation thickness of .015" and a max. wire insulation dia. of .060". Also mateable with HD and HDF connectors.



All Plastic
All-Plastic for 26-22 AWG Wire. Housing: Black thermoplastic, 94V-0 rated. Contacts: Phosphor bronze. Mounting Holes: .120" diameter.

Stock No.	Mfr.'s Type	No. of Contacts	Contact Finish*	EACH		
				1-24	25-99	100-499
512-0270	745203-2	9	A	2.04	1.83	1.53
512-0276	745211-2	25	A	6.55	5.90	4.91
512-0278	745211-5	25	B	5.96	5.37	4.47

Metal Shell
Metal Shell for 26-22 AWG Wires. Shell: Steel, tin plated. Insert: Black thermoplastic, 94V-0 rated. Contacts: Phosphor bronze. Also mateable with HDF, HDP, and HD connectors.

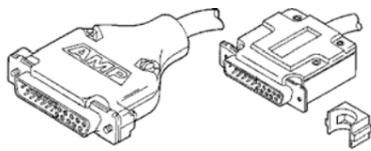
Stock No.	Mfr.'s Type	No. of Contacts	Contact Finish*	EACH		
				1-24	25-99	100-499
512-0298	745492-2	9	A	2.19	1.97	1.64
512-0300	745492-5	9	B	2.33	2.10	1.75
512-0302	745494-2	15	A	3.01	2.71	2.26
512-0304	745494-5	15	B	3.01	2.71	2.26
512-0306	745496-2	25	A	3.08	2.77	2.31
512-0308	745496-5	25	B	3.51	3.16	2.64
512-0312	745498-2	37	A	4.81	4.32	3.60
512-0314	745498-5	37	B	9.95	8.96	7.46

Stock No.	Mfr.'s Type	No. of Contacts	Contact Finish*	EACH		
				1-24	25-99	100-499
512-0280	745201-2	9	A	4.01	3.61	3.01
512-0294	745209-2	25	A	7.39	6.65	5.54
512-0296	745209-5	25	B	9.07	8.16	6.80

Stock No.	Mfr.'s Type	No. of Contacts	Contact Finish*	EACH		
				1-24	25-99	100-499
512-0316	745491-2	9	A	2.19	1.97	1.64
512-0318	745491-5	9	B	2.56	2.31	1.92
512-0322	745493-2	15	A	3.01	2.71	2.26
512-0324	745493-5	15	B	3.31	2.98	2.48
512-0326	745495-2	25	A	4.81	4.32	3.60
512-0328	745495-5	25	B	4.81	4.32	3.60
512-0332	745497-2	37	A	10.75	9.77	8.96
512-0334	745497-5	37	B	10.07	9.07	8.23

*Contact Finish: A — .000030 gold on mating termination end, with entire contact nickel plated; B — gold flash on mating end, tin-lead on the termination end, with entire contact nickel plated.

D-Subminiature Connector Kits



AMP® introduces Subminiature D Kits. Individual kits include a connector housing, contacts, a blackshell with grommets and hardware.

Shielded Crimp Snap-In Plug and Receptacle Kits (24-20 AWG)

Stock No.	Mfr.'s Type	No. of Contacts	EACH			
			1-4	5-9	10-24	25-99
512-7919	749805-1*	9	4.24	3.75	3.13	2.68
512-7921	749806-1†	9	5.49	4.94	4.11	3.53
512-7923	749805-2*	15	6.74	6.07	5.51	4.72
512-7925	749806-2†	15	5.61	5.15	4.68	4.01
512-7927	749805-3*	25	5.10	4.51	3.76	3.22
512-7929	749806-3†	25	5.05	4.55	3.79	3.25

Shielded HDE Insulation Displacement Plug and Receptacle Kits (26-22 AWG)

Stock No.	Mfr.'s Type	No. of Contacts	EACH			
			1-4	5-9	10-24	25-99
512-7931	749810-1*	9	4.64	4.16	3.47	2.97
512-7933	749814-1†	9	4.65	4.18	3.49	2.99
512-7935	749810-2*	15	7.92	7.20	6.60	5.65
512-7937	749814-2†	15	10.29	9.26	7.72	6.62
512-7939	749810-3*	25	6.17	5.55	4.62	3.96
512-7941	749814-3†	25	6.23	5.61	4.68	4.01

Unshielded Crimp Snap-In Plug and Receptacle Kits (24-20 AWG)

Stock No.	Mfr.'s Type	No. of Contacts	EACH			
			1-4	5-9	10-24	25-99
512-7943	749808-1*	9	5.76	5.18	4.32	3.70
512-7945	749812-1†	9	4.71	4.24	3.54	3.03
512-7947	749808-2*	15	6.37	5.73	4.78	4.09
512-7949	749812-2†	15	6.46	5.81	4.85	4.15
512-7951	749808-3*	25	3.29	2.96	2.47	2.11
512-7953	749812-3†	25	3.35	3.02	2.52	2.16

Unshielded Insulation Displacement Plug Kits (26-22 AWG)

Stock No.	Mfr.'s Type	No. of Contacts	EACH			
			1-4	5-9	10-24	25-99
512-7955	749809-1	9	3.33	3.00	2.50	2.14
512-7963	749809-3	25	4.43	3.98	3.32	2.84

*Plug. †Receptacle.

HDP-22 Subminiature D Contact Connector and Shielding Hardware Kits

HDP-22, Subminiature D, Crimp Snap-In Contact Connector, Shielding Hardware Kits
Individual kits contains connector, inner shield and outer shield. Contacts and ferrules must be ordered separately. Shell: Steel, tin plated. Insert: Thermoplastic, 94V-0 rated, black. Shields: Steel, tin plated.

Stock No.	Mfr.'s Type	No. of Contacts	Description	EACH		
				1-99	100-499	500-999
512-0146	748468-1	15	Plug	1.41	1.27	1.06
512-0147	748634-1	15	Receptacle	1.93	1.78	1.48
512-0148	748469-1	26	Plug	6.60	5.94	4.95
512-0149	748635-1	26	Receptacle	7.63	6.73	5.61
512-0152	748470-1	44	Plug	7.70	6.79	5.66

HDP-22, Subminiature D, Crimp Snap-In Contact Connector, Shielding Hardware, Enclosure Kits

Individual kits include connector, inner shield, outer shield, enclosure and two jackscrews. Contacts and ferrules must be ordered separately. Shell: Steel, tin plated. Insert: Thermoplastic, 94V-0 rated, black. Shields: Steel, tin plated.

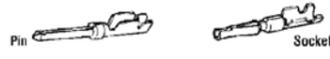
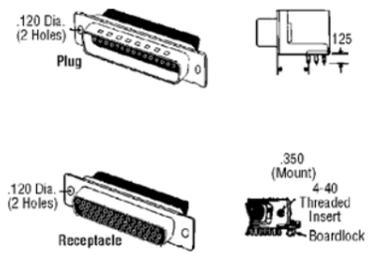
Stock No.	Mfr.'s Type	No. of Contacts	Description	EACH		
				1-99	100-499	500-999
512-0153	748473-1	15	Plug	7.66	6.90	5.75
512-0156	748639-1	15	Receptacle	11.67	9.72	8.33
512-0157	748474-1	26	Plug	13.01	11.71	9.76
512-0158	748640-1	26	Receptacle	14.08	12.67	10.56
512-0159	748475-1	44	Plug	14.33	12.89	10.74
512-0161	748476-1	62	Plug	16.98	15.28	12.73
512-0162	748642-1	62	Receptacle	18.20	16.38	13.65
512-0163	748477-1	78	Plug	18.36	16.36	13.63

Tools for HDE-20 Insulation Displacement D-Subs



The pistol grip tool can terminate up to 600 wires per hour. Manually actuated. Terminate one unstripped wire per cycle.
 512-9082, 58074-1. Pistol grip handle without head.....EACH 75.48
 512-9082, 58063-2. Modular head for HDE Series.....EACH 192.34
 512-9081, 58338-1. Bench mount power assembly.....EACH 361.76
 The bench mount power assembly is actuated by compressed air. Includes a foot switch. Terminates 1000 wires per hour typically. Modular head sold separately.
 512-0336, 91232-1. Extraction tool.....EACH 10.79

AMPLIMITE® HDP-22 High Density D-Subs



Shell: Steel, tin plated with grounding indents. Insert: Black thermoplastic, 94V-0 rated. Contacts: Solid separately.

Stock No.	Mfr.'s Type	No. of Contacts	EACH		
			1-24	25-99	100-499
512-0252	748364-1	15	1.77	1.59	1.33
512-0254	748365-1	26	3.54	3.18	2.65
512-0255	748366-1	44	3.97	3.57	2.98
512-0256	748367-1	62	3.83	3.45	2.87
512-0258	748368-1	78	4.42	3.98	3.32

Stock No.	Mfr.'s Type	No. of Contacts	EACH		
			1-99	100-499	500-999
512-0238	748565-1	15	1.91	1.72	1.44
512-0242	748566-1	26	3.97	3.57	2.98
512-0244	748567-1	44	5.01	4.51	3.76
512-0246	748568-1	62	5.98	5.33	4.40
512-0248	748569-1	78	6.23	5.96	4.97

HD-22 Front Metal Shell Right-Angle

High density posted — 350 mount with boardlock. Front Shell: Steel, tin plated. Housing: Black thermoplastic, 94V-0 rated. Threaded Inserts: Zinc. Posted Sockets (Included): Phosphor bronze plated with .000030 (0.00076) gold on mating end, tin-lead on termination end, with entire contact underplated with 0.000050 (0.00127) nickel. Recommended PC board thickness 0.062 (1.57).

Stock No.	Mfr.'s Type	No. of Contacts	EACH		
			1-99	100-499	500-999
512-0260	748390-5	15	1.58	1.42	1.10
512-0262	748481-5	26	7.06	6.35	5.29
512-0263	748482-5	44	4.15	3.73	3.11
512-0264	748394-5	62	13.92	12.53	10.44

Precision Formed Crimp Snap-In Contacts

Plated: .000030 (0.00076) gold on mating end, tin-lead on crimp barrel, with entire contact nickel underplated.

Stock No.	Mfr.'s Type	Description	For Wire AWG	PER PKG./100	
				1-4	5-9
512-0271	1-748333-4	Pin for plugs	22-28	13.58	12.22
512-0265	748610-4	Socket for recept.	22-28	11.45	10.30

Plated: Nickel underplate overall, gold flash on mating and tin-lead on crimp barrel.

Stock No.	Mfr.'s Type	Description	For Wire AWG	PER PKG./100	
				1-4	5-9
512-0267	748333-7	Pin for plugs	22-28	8.93	8.04
512-0269	748610-7	Socket for recept.	22-28	12.94	11.65

Stock No.	Mfr.'s Type	Description	EACH	
			1-4	5-9
512-0470	91285-1	Insertion/extraction tool	21.42	
512-0268	90430-1	CERTI-CRIMP™ tool	466.29	
512-8710	90800-1	PRO-CRIMPER™ II tool	169.76	

Turn To Section 1 For Allied Office Addresses and Local Phone Numbers

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