

AMPLIMITE® Subminiature D Connectors

AMPLIMITE® HDP-20 Subminiature D, Crimp Snap-In Contact Connector, Shielding Hardware Kits



Plug Enclosure Kit



Receptacle Kit

Material and Finish: Connector shell — steel, tin plated; Connector insert — thermoplastic, 94V-0 rated, black; Shields — steel, tin plated. **Kits Include:** Connector, inner shield, and outer shield. Contacts and ferrules must be ordered separately.

Stock No.	Mfr.'s Type	No. of Positions	Description	EACH	
				1-99	100-499
512-0389	747522-1	9	Plug	1.33	1.19
512-0391	747523-1	9	Receptacle	1.18	1.06
512-9177	747538-1	15	Plug	1.41	1.27
512-0395	747539-1	15	Receptacle	1.48	1.33
512-0399	747554-1	25	Plug	1.47	1.33
512-0401	747555-1	25	Receptacle	1.47	1.33

AMPLIMITE® HDP-20, Subminiature D, Crimp Snap-In Contact Connector, Shielding Hardware, Enclosure Kits



Plug Hardware Kit



Receptacle Kit

Material and Finish: Connector shell — steel, tin plated; Connector insert — thermoplastic, 94V-0 rated, black; Shields — steel, tin plated. **Kits Include:** Connector, inner shield, outer shield, enclosure and two jackscrews. Contacts and ferrules must be ordered separately.

Stock No.	Mfr.'s Type	No. of Positions	Description	EACH	
				1-99	100-499
512-9038	747952-1	9	Plug	4.71	4.24
512-0411	747951-1	9	Receptacle	5.17	4.65
512-0413	747954-1	15	Plug	4.71	4.24
512-0417	747953-1	15	Receptacle	5.08	4.57
512-0419	747956-1	25	Plug	5.89	5.30
512-0421	747955-1	25	Receptacle	6.32	5.69
512-0423	747958-1	37	Plug	7.41	6.67
512-9437	747957-1	37	Receptacle	12.02	10.15

Precision Formed Crimp, Snap-In Contacts, Size 20 DF



Pin Insulation Support



Socket Insulation Support



Pin Solder Cup



Socket Solder Cup

Material and Finish: Pin contact — brass; Socket contact — phosphor bronze.

Contacts with Insulation Support

Plating: Gold flash on mating end, tin-lead on crimp barrel, all nickel underplate.

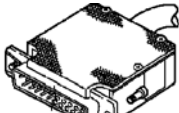
Stock No.	Mfr.'s Type	Wire Size AWG	Ins. Dia. Max.	Description	PER PK./1000	
					1-4	5-9
512-9085	66507-9	28-24	0.040	Pin	125.03	104.19
512-9090	66505-9	28-24	0.040	Socket	115.77	106.86
512-9000	66506-9	24-20	0.060	Pin	125.17	112.65
512-9010	66504-9	24-20	0.060	Socket	132.53	119.28

Solder Cup Contact

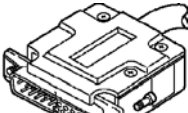
Plating: Gold flash over nickel on the entire contact, with additional 0.000030 (0.00076) min. gold on the mating end.

Stock No.	Mfr.'s Type	Wire Size AWG	Ins. Dia. Max.	Description	PER PK./1000	
					1-4	5-9
512-9020	66570-3	28-24	0.040	Pin	168.93	152.04
512-9030	66569-3	28-24	0.040	Socket	203.23	182.91

Unshielded Cable Clamps



207908-1, 207908-4



207908-7, 1-207908-0

Straight/90° Exit Cable Clamps with Male Screw Retainers

Black thermoplastic finish is textured. Black zinc-plated steel flat head screws. Zinc-plated yellow chromate male screw. Retaining clip is stainless steel.

Stock No.	Mfr.'s Type	Case Style	EACH	
			1-99	100-499
512-8742	207908-1	9-pin	2.25	2.02
512-9152	207908-4	15-pin	2.82	2.54
512-8610	207908-7	25-pin	2.55	2.29
512-8701	1-207908-0	37-pin	3.76	3.39

Shielded Cable Clamps

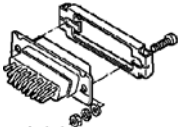


2-Piece Straight Exit RF/EMI Shields with Grommets

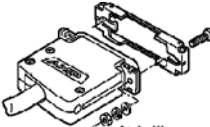
Die cast metal zinc alloy plated bright nickel over bright copper.

Stock No.	Mfr.'s Type	Cable O.D. Range	Case Style	EACH	
				1-24	25-99
512-8768	748676-1	0.185-0.320	9-pin	4.17	3.75
512-8755	748676-2	0.185-0.320	15-pin	4.17	3.75
512-8764	748676-3	0.255-0.470	25-pin	4.33	3.90
512-8753	748676-4	0.255-0.470	37-pin	6.28	5.65
512-8754	748676-5	0.255-0.470	50-pin	6.64	5.98

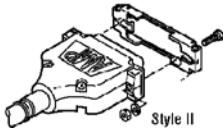
Slide Latches



Style I



Style III

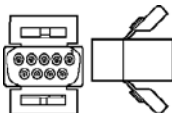


Style II

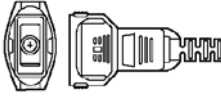
Material and Finish: Slide latches — stainless steel; 4-40 screws, washers and hex nuts — steel, zinc-plated yellow chromate; 2-56 screws, washers and hex nuts — steel, zinc-plated clear chromate.

Stock No.	Mfr.'s Type	Style	Shell Size	EACH	
				1-24	25-99
512-0567	745404-1	I	9-pin	2.25	2.02
512-8646	745583-1	II	15-pin	3.15	2.90
512-8745	745583-5	III	15-pin	2.55	2.29
512-0573	745584-3	III	25-pin	3.01	2.71
512-0575	745407-1	I	37-pin	4.06	3.38

AMPLIMITE® 9-Position, HDJ-20 All-Plastic Jacketed Cable for Crimp, Snap-In Contacts



Receptacle

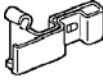


Squeeze-to-Release Cord Guard

Material: Thermoplastic, black.

512-0499, 207752-3. Receptacle housing. 1-24	EACH	.60
512-8911, 745002-2. Squeeze-to-release cord guards. 1-24	EACH	.66

Spring Latches



Standard Spring Latch



Spring Latch for Cable Clamps

Material: Stainless steel.

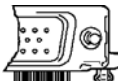
Type 745779-2. Standard spring latches.

512-8733, Type 745779-2. 1-99 PER SET/2 1.20

Type 745255-2. Spring latches for cable clamps with mounting ears.

512-8913, Type 745255-2. 1-99 PER SET/2 1.13

HD-22 Front Metal Shell Right-Angle Plugs



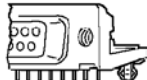
High density-posted — 350 mount with boardlock. **Front Shell:** Steel, tin plated. **Housing:** Black thermoplastic, 94V-0 rated. **Threaded Inserts:** Zinc. **Posted Sockets (Included):** phosphor bronze plated with 0.000030 (0.00076) gold on mating end, tin-lead on termination end, with entire contact underplated with nickel.

Stock No.	Mfr.'s Type	No. of Contacts	EACH	
			1-99	100-499
512-8656	749767-1	15	2.06	1.85
512-0104	749769-1	26	16.91	15.37
512-0106	749771-1	44	21.89	18.51
512-0107	749639-1	62	13.49	11.40

HD-20 Front Metal Shell Right-Angle



Plug



Receptacle

590 mount with boardlock. **Front Shell:** Steel, tin plated. **Housing:** Black thermoplastic, 94V-0 rated. **Threaded Inserts:** Zinc. **Contacts-Pin:** Brass. **Sockets:** Phosphor bronze plated with 0.000030 (0.00076) min. gold on mating end, tin-lead on termination end, all nickel underplated.

Stock No.	Mfr.'s Type	No. of Contacts	Description	EACH	
				1-24	25-99
512-0116	747832-4	9	Plug	4.83	4.40
512-0119	747836-4	9	Receptacle	4.75	4.32
512-0117	747833-4	15	Plug	6.03	5.03
512-0121	747837-4	15	Receptacle	2.02	1.81

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