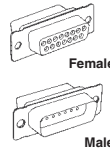




AMPLIMITE® D-Sub Connectors HDP-20 Zinc and Tin Plated Metal Shell



Crimp Type Pins and Sockets Sold Separately
Material and Finish: Shell: Steel, zinc or tin plated **Insert:** 94V-0 rated thermoplastic, black **Mounting Holes:** Standard: .120" (3.05mm)
Diameter: Clinch Nut: 4-40 threads with self-locking feature **Mounting Method:** 1: Standard; 2: Clinch Nut

No. of Pos.	Sex	Mount. Method	Digi-Key Part No.	Price Each 1 25	AMP Part No.
Zinc Plated Shell					
9	Male	1	A31886-ND	1.06 .89	205204-9
	Female	1	A34104-ND	1.29 1.08	205203-8

No. of Pos.	Sex	Mount. Method	Digi-Key Part No.	Price Each 1 25	AMP Part No.
15	Male	1	A34105-ND	1.44 1.21	205206-9
	Female	1	A34106-ND	1.33 1.11	205205-7
25	Male	1	A34107-ND	1.34 1.12	205208-1
	Female	1	A34108-ND	1.29 1.08	205207-1
37	Male	1	A34109-ND	2.88 2.41	205210-8
	Female	1	A34110-ND	2.09 1.75	205209-7
50	Male	1	A34111-ND	3.46 2.89	1658641-3
	Female	1	A34112-ND	3.39 2.83	1658640-2
Tin Plated Shell Without Grounding Indents					
9	Male	1	A31887-ND	1.31 1.09	205204-8
	Female	1	A1031-ND	1.05 .88	205203-3
15	Male	2	A35199-ND	4.56 3.81	1658642-2
	Female	2	A31921-ND	4.61 3.85	1658643-1
25	Male	1	A31888-ND	1.47 1.23	205206-8
	Female	1	A1033-ND	1.00 .84	205205-2
37	Male	2	A31922-ND	4.66 3.89	1658644-1
	Female	1	A31889-ND	1.28 1.07	207464-7
50	Male	1	A1035-ND	1.16 .97	207463-1
	Female	2	A31917-ND	4.23 3.53	207516-5
37	Male	1	A31890-ND	1.92 1.61	205210-7
	Female	2	A34113-ND	6.01 5.01	5207661-3

No. of Pos.	Sex	Mount. Method	Digi-Key Part No.	Price Each 1 25	AMP Part No.
50	Male	1	A31891-ND	3.60 3.01	1658641-1
	Female	1	A31893-ND	2.62 2.19	1658640-1
	Female	2	A35231-ND	6.73 5.61	16745884-1
Tin Plated Shell With Grounding Indents					
9	Male	1	A1038-ND	1.05 .88	205204-4
	Male	2	A31920-ND	4.13 3.45	1658642-1
	Female	1	A99333-ND	1.65 1.38	164531-4
	Male	1	A99337-ND	1.35 1.13	167292-1
15	Male	1	A1039-ND	1.11 .93	205206-3
	Female	1	A99334-ND	1.79 1.50	164532-4
	Male	1	A99338-ND	1.63 1.37	167293-1
25	Male	1	A1040-ND	1.07 .89	207464-2
	Female	2	A31918-ND	5.53 4.61	5745036-2
	Male	1	A99335-ND	1.87 1.57	164533-4
	Male	1	A99339-ND	1.92 1.61	167294-1
37	Male	1	A1041-ND	2.01 1.68	205210-3
	Female	1	A99336-ND	2.16 1.81	164534-4
50	Male	1	A99340-ND	2.26 1.89	167295-1
	Male	1	A31892-ND	2.61 2.18	1658641-2



HDP-20 Pins and Sockets

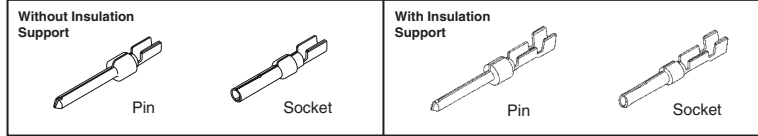


Crimp Type Pin Diameter: .040" (1.02mm)

Material: Pin: Brass – Phosphor bronze per QQ-B-750

Plated:

- A: Select – Gold flash over nickel on entire contact, with additional 30µ gold on mating end
- B: Gold flash over nickel on entire contact
- C: Duplex – 30µ gold on mating end, tin on termination end, with entire contact nickel underplated
- D: Duplex – Gold flash on mating end, tin on termination end, with entire contact nickel underplated



Desc.	AWG	Insulation Dia. Inch (mm)	Cont. Fin.	Digi-Key Part No.	Loose Piece Pricing		AMP Part No.	Digi-Key Part No.	Cut Strip Pricing		Digi-Key Part No.	Strip Tape and Reel		AMP Part No.
					10	100			100	500		Qty.	Pricing	
With Insulation Support														
Pin	28-24	.040 (1.02)	A	A1630-ND	1.65	11.52	66507-9	A1630CT-ND	14.15	58.95	A1630TR-ND	10,000	63.67/M	66507-3
Socket	28-24	.040 (1.02)	A	A1632-ND	1.69	11.78	66505-9	A1632CT-ND	11.32	47.15	A1632TR-ND	10,000	50.92/M	66505-3
Pin	28-24	.040 (1.02)	C	—	—	—	—	A31909CT-ND	10.18	42.41	A31909TR-ND	10,000	45.81/M	1658540-4
Socket	28-24	.040 (1.02)	C	—	—	—	—	A31906CT-ND	11.13	46.37	A31906TR-ND	10,000	55.66/M	1658538-2
Pin	28-24	.040 (1.02)	B	A23004-ND	1.19	8.30	1-66507-0	A23004CT-ND	12.02	50.09	A23004TR-ND	10,000	54.10/M	66507-4
Socket	28-24	.040 (1.02)	B	A23003-ND	1.32	9.22	1-66505-0	A23003CT-ND	13.05	54.36	A23003TR-ND	10,000	58.71/M	66505-4
Pin	28-24	.040 (1.02)	D	A31904-ND	1.16	9.32	1658540-2	A31904CT-ND	7.69	32.04	A31904TR-ND	10,000	34.61/M	1658540-1
Pin	28-24	.060 (1.52)	A	—	—	—	—	A23027CT-ND	11.36	47.30	A23027TR-ND	10,000	51.09/M	66683-2
Socket	28-24	.060 (1.52)	A	A23031-ND	3.20	22.38	66683-4	A23031CT-ND	22.87	95.29	A23031TR-ND	10,000	102.91/M	66683-2
Pin	28-24	.060 (1.52)	C	—	—	—	—	A31908CT-ND	13.13	54.70	A31908TR-ND	10,000	59.09/M	506682-9
Pin	28-24	.060 (1.52)	D	—	—	—	—	A31907CT-ND	13.66	56.90	A31907TR-ND	10,000	61.46/M	506682-6
Pin	26-22	.050 (1.27)	A	A24209-ND	1.43	9.97	745254-6	A24209CT-ND	16.11	67.13	A24209TR-ND	10,000	72.50/M	745254-2
Socket	26-22	.050 (1.27)	A	A23722-ND	1.44	10.04	745253-6	A23722CT-ND	19.65	81.87	A23722TR-ND	10,000	88.43/M	745253-2
Pin	26-22	.050 (1.27)	C	A31903-ND	2.83	22.69	1658544-1	A31903CT-ND	18.62	77.57	A31903TR-ND	10,000	83.78/M	1658544-2
Socket	26-22	.050 (1.27)	C	A31902-ND	3.77	30.18	1658543-1	A31902CT-ND	15.89	66.21	A31902TR-ND	10,000	71.51/M	1658543-2
Socket	26-22	.050 (1.27)	B	—	—	—	—	A23036CT-ND	16.60	69.17	A23036TR-ND	10,000	74.71/M	745253-3
Pin	26-22	.050 (1.27)	D	—	—	—	—	A31924CT-ND	11.96	49.80	A31924TR-ND	10,000	53.79/M	1658544-3
Socket	26-22	.050 (1.27)	D	—	—	—	—	A31901CT-ND	42.11	175.45	A31901TR-ND	10,000	189.49/M	1658543-3
Pin	24-20	.060 (1.52)	A	A1679-ND	1.68	15.07	66506-9	A1679CT-ND	11.05	46.05	A1679TR-ND	10,000	49.73/M	66506-3
Socket	24-20	.060 (1.52)	A	A1680-ND	1.77	15.87	66504-9	A1680CT-ND	14.53	60.56	A1680TR-ND	10,000	65.41/M	66504-3
Pin	24-20	.060 (1.52)	C	A31910-ND	1.51	12.08	1658539-3	A31910CT-ND	9.16	38.16	A31910TR-ND	10,000	41.22/M	1658539-1
Socket	24-20	.060 (1.52)	C	A31905-ND	2.21	17.70	1658537-4	A31905CT-ND	10.53	43.88	A31905TR-ND	10,000	47.39/M	1658537-3
Pin	24-20	.060 (1.52)	B	A1008-ND	1.83	16.31	1-66506-0	A1008CT-ND	13.70	57.09	A1008TR-ND	10,000	61.66/M	66506-4
Socket	24-20	.060 (1.52)	B	A1009-ND	1.77	15.85	1-66504-0	A1009CT-ND	10.00	41.67	A1009TR-ND	10,000	45.00/M	66504-4
Pin	24-20	.060 (1.52)	D	A31911-ND	2.40	19.21	1658539-4	A31911CT-ND	8.70	36.24	A31911TR-ND	10,000	39.14/M	1658539-2
Pin	28-24	.040 (1.02)	C	—	—	—	—	A99329CT-ND	13.81	57.54	A99329TR-ND	12,500	62.15/M	166054-1
Socket	24-20	.060 (1.52)	C	—	—	—	—	A99330CT-ND	28.89	120.37	A99330TR-ND	12,500	130.00/M	166051-1
Socket	28-24	.040 (1.02)	C	—	—	—	—	A99331CT-ND	29.27	121.95	A99331TR-ND	12,500	131.70/M	166052-1
Pin	24-20	.060 (1.52)	C	—	—	—	—	A99332CT-ND	17.59	73.28	A99332TR-ND	12,500	79.15/M	166053-1
Without Insulation Support														
Socket	28-24	.068 (1.73)	A	—	—	—	—	A23055CT-ND	42.99	179.11	A23055TR-ND	10,000	193.44/M	205311-3
Pin	24-20	.068 (1.73)	A	—	—	—	—	A23017CT-ND	16.70	69.57	A23017TR-ND	10,000	75.14/M	205202-2
Socket	24-20	.068 (1.73)	B	—	—	—	—	A5805CT-ND	19.79	82.44	A5805TR-ND	10,000	89.04/M	205201-6
Pin	22-18	.068 (1.73)	A	—	—	—	—	A5802CT-ND	31.84	132.66	A5802TR-ND	10,000	143.28/M	745229-2
Socket	22-18	.068 (1.73)	A	—	—	—	—	A5804CT-ND	17.77	74.06	A5804TR-ND	10,000	79.98/M	745230-2
Socket	22-18	.040 (1.02)	B	A35203-ND	6.36	50.86	745230-7	A35203CT-ND	25.10	104.58	A35203TR-ND	10,000	112.96/M	745230-5
Pin	22-18	.068 (1.73)	C	—	—	—	—	A31923CT-ND	13.70	57.08	A31923TR-ND	10,000	61.65/M	1658541-1
Socket	22-18	.068 (1.73)	C	—	—	—	—	A31900CT-ND	23.22	96.78	A31900TR-ND	10,000	104.52/M	1658542-2

Description	Digi-Key Part No.	Price Each	AMP Part No.
Crimp Tool for D-Sub Contacts with Die	A9990-ND	207.57	58448-2
Die Set for D-Sub Contacts, use with A9996	A9814-ND	166.49	58448-3
PRO-CRIMPER III Hand Tool without Die	A9996-ND	36.32	354940-1
PRO-CRIMPER II/III Repair Kit	A34584-ND	33.60	679221-1
Pin Insertion/Extraction Tool for Snap-In Contacts	A1010-ND	5.07	91067-2

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