



AMPLIMITE®

D-Sub Connectors

HD-20 All-Plastic Straight Posted (Cont.)

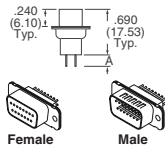
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No. of Pos.	Sex	Dim. A In. (mm)	Digi-Key Part No.	Price Each 1 25	AMP Part No.
Without Grounding Indents					
9	Male	.125 (3.18)	A23229-ND#	5.29 4.41	745071-1
	Female	.125 (3.18)	A23254-ND#	5.05 4.21	745076-3
15	Male	.170 (4.32)	A23231-ND#	5.89 4.91	745071-4
	Female	.170 (4.32)	A23258-ND#	6.82 5.69	745077-4
25	Male	.125 (3.18)	A23261-ND#	7.77 6.57	745078-4
	Female	.125 (3.18)	A23233-ND#	7.64 6.37	745073-1
37	Male	.125 (3.18)	A23260-ND#	9.42 7.85	745078-3
	Female	.125 (3.18)	A23265-ND#	8.65 7.21	745079-4
With Fixed Female Screwlocks — RoHS Compliant					
9	Male	.125 (3.18)	A34021-ND#	5.77 4.81	5745071-2
	Female	.125 (3.18)	A34022-ND#	4.80 4.01	5745076-4
15	Male	.125 (3.18)	A34023-ND#	5.38 4.49	5745071-1
	Female	.125 (3.18)	A34024-ND#	4.23 3.53	5745076-3
25	Male	.170 (4.32)	A34025-ND#	6.25 5.21	5745071-4
	Female	.170 (4.32)	A32062-ND#	5.77 4.81	5745076-6
37	Male	.125 (3.18)	A34026-ND#	7.45 6.21	5745077-4
	Female	.125 (3.18)	A34027-ND#	5.91 4.93	5745077-3
15	Male	.125 (3.18)	A35189-ND#	6.01 5.01	5745072-2
	Female	.170 (4.32)	A35192-ND#	5.14 4.29	5745077-6
25	Male	.125 (3.18)	A34028-ND#	7.50 6.25	5745072-4
	Female	.125 (3.18)	A34029-ND#	7.30 6.09	5745073-2
37	Male	.125 (3.18)	A34030-ND#	7.21 6.01	5745078-4
	Female	.125 (3.18)	A34031-ND#	6.73 5.61	5745073-1
15	Male	.125 (3.18)	A34032-ND#	5.96 4.97	5745078-3
	Female	.170 (4.32)	A32063-ND#	5.77 4.81	5745078-6
25	Male	.170 (4.32)	A34033-ND#	7.88 6.57	5745078-5
	Female	.170 (4.32)	A35190-ND#	7.78 6.49	5745073-3
37	Male	.125 (3.18)	A34034-ND#	10.71 8.93	5745079-4
	Female	.170 (4.32)	A34035-ND#	10.14 8.45	5745074-4
50	Male	.170 (4.32)	A34036-ND#	13.21 11.02	5745079-6
	Female	.125 (3.18)	A35193-ND#	16.34 13.62	5745080-4
50	Male	.170 (4.32)	A35194-ND#	18.74 15.62	5745080-6

† 30µ gold on mating end ‡ Gold flash on mating end

HD-20 Full Metal-Shell Straight Posted

Material and Finish: Shell: Steel, tin plated
Insert: 94V-0 rated thermoplastic, black
Pin Contacts: Brass or phosphor bronze plated, tin on termination end, with entire contact 50µ (minimum) nickel underplated



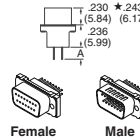
No. of Pos.	Sex	Dim. A In. (mm)	Digi-Key Part No.	Price Each 1 25	AMP Part No.
Without Grounding Indents					
9	Male	.125 (3.18)	A23139-ND#	3.70 3.09	745182-2
25	Male	.125 (3.18)	A23140-ND#	6.61 5.51	745186-2
Without Grounding Indents — RoHS Compliant					
9	Male	.125 (3.18)	A34037-ND#	3.60 3.01	5745182-2
25	Male	.125 (3.18)	A34038-ND#	6.61 5.51	5745186-2
With Grounding Indents					
9	Male	.125 (3.18)	A23141-ND#	4.35 3.63	745410-1
	Male	.188 (4.78)	A23142-ND#	5.67 4.73	745410-7
25	Male	.125 (3.18)	A23143-ND#	8.58 7.15	745412-1
	Male	.188 (4.78)	A23144-ND#	11.77 9.81	745412-7
37	Male	.125 (3.18)	A23145-ND#	21.14 17.62	745413-1
50	Male	.125 (3.18)	A23146-ND#	15.88 13.24	745414-1
	Male	.188 (4.78)	A23147-ND#	24.14 20.13	745414-7
With Grounding Indents — RoHS Compliant					
9	Male	.125 (3.18)	A34039-ND#	4.13 3.45	5745410-1
	Male	.188 (4.78)	A34040-ND#	7.11 5.93	5745410-7
25	Male	.125 (3.18)	A34041-ND#	11.08 9.23	5745412-1
	Male	.188 (4.78)	A34042-ND#	7.47 6.23	5745412-7
37	Male	.125 (3.18)	A34043-ND#	12.01 10.01	5745413-1
50	Male	.125 (3.18)	A34044-ND#	14.17 11.82	5745414-1
	Male	.188 (4.78)	A34045-ND#	18.55 15.46	5745414-7
With .120" (3.05mm) Mounting Holes					
9	Female	.125 (3.18)	A23149-ND#	4.30 3.59	745183-2
	Female	.188 (4.78)	A23150-ND#	4.97 4.15	745183-7
15	Female	.188 (4.78)	A23148-ND#	10.09 8.41	745185-7
25	Female	.188 (4.78)	A23152-ND#	8.74 7.29	745187-7
37	Female	.188 (4.78)	A23155-ND#	10.16 8.47	745189-7
50	Female	.125 (3.18)	A23156-ND#	14.82 12.36	745191-1
	Female	.188 (4.78)	A23157-ND#	13.19 11.00	745191-7

No. of Pos.	Sex	Dim. A In. (mm)	Digi-Key Part No.	Price Each 1 25	AMP Part No.
With .120" (3.05mm) Mounting Holes — RoHS Compliant					
9	Female	.125 (3.18)	A34046-ND#	3.96 3.31	5745183-2
	Female	.188 (4.78)	A34047-ND#	5.29 4.41	5745183-7
	Female	.427 (10.85)	A35175-ND#	5.86 4.89	5745183-3
	Female	.188 (4.78)	A34048-ND#	5.93 4.95	5745185-7
25	Female	.125 (3.18)	A34049-ND#	8.10 6.75	5745187-1
	Female	.188 (4.78)	A34050-ND#	7.71 6.43	5745187-7
	Female	.427 (10.85)	A35176-ND#	8.82 7.35	5745187-3
37	Female	.125 (3.18)	A34052-ND#	11.51 9.59	5745189-1
	Female	.188 (4.78)	A34053-ND#	10.16 8.47	5745189-7
50	Female	.125 (3.18)	A34054-ND#	14.46 12.06	5745191-1
	Female	.188 (4.78)	A34055-ND#	17.73 14.78	5745191-7
With Clinch Nuts					
9	Female	.125 (3.18)	A23163-ND#	6.49 5.41	747190-1
	Female	.125 (3.18)	A23164-ND#	5.53 4.61	747190-2
15	Female	.125 (3.18)	A23158-ND#	7.42 6.19	745820-1
	Female	.125 (3.18)	A23159-ND#	9.47 7.89	745820-2
37	Female	.125 (3.18)	A23167-ND#	16.22 13.52	747315-1
With Clinch Nuts — RoHS Compliant					
9	Female	.125 (3.18)	A34056-ND#	5.41 4.51	5747190-2
	Female	.125 (3.18)	A34057-ND#	5.67 4.73	5747190-1
15	Female	.188 (4.78)	A34058-ND#	7.95 6.63	5747190-4
	Female	.125 (3.18)	A34059-ND#	9.06 7.55	5745820-1
25	Female	.125 (3.18)	A34060-ND#	8.50 7.09	5745820-2
	Female	.125 (3.18)	A34061-ND#	9.42 7.85	5745886-1
37	Female	.125 (3.18)	A34062-ND#	8.58 7.15	5745886-2
	Female	.125 (3.18)	A34063-ND#	15.14 12.62	5747315-1

† 30µ gold on mating end ‡ Gold flash on mating end

HD-20 Front Metal-Shell Straight Posted

Material and Finish: Shell: Steel, tin plated
Housing: 94V-0 rated thermoplastic, black
Threaded Inserts: Brass, unlabeled Female Screwlocks; Zinc Pin Contacts; Brass or phosphor bronze plated, tin-lead on termination end, with entire contact 50µ (minimum) nickel underplated



No. of Pos.	Sex	Dim. A In. (mm)	Digi-Key Part No.	Price Each 1 25	AMP Part No.
With Standard Mounting Holes					
9	Male	.125 (3.18)	A23183-ND#	5.21 4.35	747871-2
	Female	.170 (4.32)	A23207-ND#	6.29 5.25	747150-4
15	Female	.125 (3.18)	A23211-ND#	4.23 3.53	747299-2
	Male	.170 (4.32)	A23185-ND#	5.86 4.89	747872-4
25	Male	.125 (3.18)	A23177-ND#	7.35 6.13	745968-2
	Male	.170 (4.32)	A23178-ND#	5.81 4.85	745968-4
37	Male	.125 (3.18)	A23181-ND#	10.50 8.75	747375-2
With Standard Mounting Holes — RoHS Compliant					
9	Female	.125 (3.18)	A32038-ND#	4.40 3.67	5747150-2
	Male	.125 (3.18)	A34064-ND#	4.44 3.71	5747871-2
15	Female	.170 (4.32)	A34065-ND#	5.89 4.91	5747150-4
	Male	.170 (4.32)	A35178-ND#	4.56 3.81	5747871-4
25	Female	.125 (3.18)	A34066-ND#	4.06 3.39	5747299-2
	Male	.170 (4.32)	A34067-ND#	5.41 4.51	5747872-4
37	Female	.170 (4.32)	A35182-ND#	9.35 7.79	5747299-4
	Male	.125 (3.18)	A34068-ND#	7.04 5.87	5745968-2
25	Female	.125 (3.18)	A34069-ND#	5.14 4.29	5745967-2
	Male	.170 (4.32)	A34070-ND#	5.55 4.63	5745968-4
37	Female	.170 (4.32)	A35181-ND#	6.05 5.05	5745967-4
	Male	.125 (3.18)	A34071-ND#	8.82 7.35	5747375-2
50	Female	.125 (3.18)	A32039-ND#	9.20 7.67	5747301-2
	Female	.125 (3.18)	A23209-ND#	4.97 4.15	747150-8
15	Female	.125 (3.18)	A23208-ND#	3.58 2.99	747150-7
	Male	.125 (3.18)	A23186-ND#	5.09 4.25	747872-8
25	Female	.125 (3.18)	A23213-ND#	4.42 3.69	747299-8
	Male	.125 (3.18)	A23180-ND#	6.25 5.21	745968-8
37	Male	.125 (3.18)	A23179-ND#	9.13 7.61	745968-7
	Female	.125 (3.18)	A23182-ND#	8.02 6.69	747375-8
50	Female	.125 (3.18)	A23216-ND#	10.76 8.97	747301-8
	Female	.125 (3.18)	A32035-ND#	4.90 4.09	5747871-8
9	Female	.125 (3.18)	A34072-ND#	4.80 4.01	5747150-8
	Female	.125 (3.18)	A34073-ND#	3.29 2.75	5747150-7
15	Female	.125 (3.18)	A34074-ND#	5.05 4.21	5747150-9
	Male	.125 (3.18)	A34075-ND#	5.00 4.17	5747872-8
25	Female	.125 (3.18)	A34076-ND#	4.47 3.73	5747299-8
	Female	.125 (3.18)	A34077-ND#	4.16 3.47	5747299-7

No. of Pos.	Sex	Dim. A In. (mm)	Digi-Key Part No.	Price Each 1 25	AMP Part No.
25	Male	.125 (3.18)	A34078-ND#	5.84 4.87	5745968-8
	Female	.125 (3.18)	A34079-ND#	6.73 5.61	5745967-8
	Male	.125 (3.18)	A34080-ND#	5.57 4.65	5745968-7
	Female	.125 (3.18)	A34081-ND#	5.09 4.25	5745967-7
	Female	.170 (4.32)	A34082-ND#	7.30 6.09	1-5745967-0
37	Male	.125 (3.18)	A34083-ND#	10.62 8.85	5747375-8
	Female	.125 (3.18)	A34084-ND#	10.62 8.85	5747301-8
	Female	.125 (3.18)	A34085-ND#	8.74 7.29	5747301-7
With Retention 4-40 Inserts (for .062" [1.58mm] PCB) — RoHS Compliant					
9	Male	.125 (3.18)	A32058-ND#	4.88 4.07	2-5748003-0
	Female	.125 (3.18)	A32036-ND#	4.76 3.97	2-5747706-0
15	Female	.125 (3.18)	A34086-ND#	4.08 3.41	2-5747707-0
25	Male	.125 (3.18)	A34087-ND#	4.68 3.91	2-5747704-0
37	Female	.125 (3.18)	A32037-ND#	5.43 4.53	2-5747708-0
	Female	.125 (3.18)	A34088-ND#	11.44 9.53	2-5747709-0
With Fixed Female Screwlocks — RoHS Compliant					
9	Male	.125 (3.18)	A32057-ND#	5.60 4.67	1-5747871-4
	Female	.125 (3.18)	A32059-ND#	5.72 4.77	1-5747150-4
15	Male	.125 (3.18)	A34089-ND#	4.66 3.89	1-5747871-3
	Female	.125 (3.18)	A34090-ND#	4.59 3.83	1-5747150-3
25	Male	.170 (4.32)	A34091-ND#	5.65 4.71	1-5747150-6
	Female	.170 (4.32)	A34092-ND#	4.88 4.07	1-5747871-6