HD SERIES SOLDER TYPE D SUBMINIATURE CONNECTOR

General

H D Series subminiature connectors with stamped contacts are easy to solder to a wide variety of stranded and single conductor cables. 9, 15, 25, 37 and 50-contact models available.



Features

- (1) Compact and sturdy due to metal shell.
- (2) Large solder cup enables use of wire up to 20 AWG.
- (3) Glass filled P.B.T. resin insulator offers excellent resistance to heat and chemicals.
- (4) Available in various plug cases such as CTF and CTH. A wide variety of combinations available, such as straight dipping (SD), right angle dipping (RD), crimping (CD), and ribbon IDC termination (FD).

Application

Computers, peripherals and terminals, control equipment, radio equipment, and measuring instruments.

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information. All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.

Electrical and Environmental

Electrical and En	nvironmental Characteristics
Current capacity	3A
Rated voltage	400V AC
Insulation resistance	5000mΩ min. at 500V DC
Contact resistance	7mΩ max. at 100mA DC
Withstand voltage	1250Vrms AC for 1 minute

			Material and finish
She	ell	Steel	Nickel plating
Insula	ator	PBT (GE Valox)	Black
Contract	Male	Coppor alloy	Selective Gold + Nickel
Contact	Female	Phosphor bronze	Selective Gold + Mickel

Ordering Informations

ΗD	В	В	—	25	Ρ	F	(05)
(1)	(2)	(3)		(4)	(5)	(6)	(7)

- (1) Model number symbol HD: D sub-soldering type
- (2) Shell size: E, A, B, C and D
- (3) Serial symbols by type of connector unit:
- (4) Number of poles: 9, 15, 25, 37 and 50
- (5) Terminal opening shape symbolP: male terminalS: female terminal
- (6) F: shell dimple machined
- (7) Specification contents
 (05): Shell: Nickel plating
 Termination of contact: Nickel plating+gold flash plating

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25-con						Unit:	: mm
А	В	С	D	E	F	G R	loHS
		16.9	8.34	1.2	-	12.55	
					-		YES
				-	-	12.55 15.37	
30 39 53	0.81 9.14 3.04 9.32	0.81 24.99 0.14 33.32 3.04 47.04 9.32 63.5	0.81 24.99 16.9 9.14 33.32 25.24 3.04 47.04 39.01 9.32 63.5 55.47	0.81 24.99 16.9 8.34 9.14 33.32 25.24 8.34 3.04 47.04 39.01 8.4 9.32 63.5 55.47 8.4	0.81 24.99 16.9 8.34 1.2 9.14 3.32 25.24 8.34 1.2 3.04 47.04 39.01 8.4 1.3 9.32 63.5 55.47 8.4 1.4	0.81 24.99 16.9 8.34 1.2 5.99 9.14 33.32 25.24 8.34 1.2 5.99 3.04 47.04 39.01 8.4 1.3 5.87 9.32 63.5 55.47 8.4 1.4 5.87	A B C D E F G F 0.81 24.99 16.9 8.34 1.2 5.99 12.55 0.14 33.32 25.24 8.34 1.2 5.99 12.55 3.04 47.04 39.01 8.4 1.3 5.87 12.55 0.32 63.5 55.47 8.4 1.4 5.87 12.55



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		1: So a s 2: Th	A B C A A A B C A A A A A A A A A A A A	e mai	de wi or les	Solder thin 4	seco	dimen	using			2.55
		(05			-						it: mm	
	HRS No	No.of pin	Part No.	A	В	С	D	Е	F		RoHS	
HDBB-25S (05)	CL211-0233-9-05	9	HDEB-9S (05)		24.99		1.2		12.55			
111111111111111111111111111111111111111	CL211-0235-4-05	15	HDAB-15S (05)	39.14			1.2		12.55			
	CL211-0216-0-05	25	HDBB-25S (05)	53.04	47.04		1.2		12.55	6.17	YES	
	CL211-0237-0-05	37	HDCB-37S (05)	69.32		54.76	1.2		12.55	6.17		
	CL211-0394-8-05	50	HDDB-50S (05)	66.93		52.35	1.2	10.63	15.37	6.17		

Mounting Cutout



		U	nit: mm
Shell Size	а	b	с
Е	24.99	20.2	11.5
А	33.32	28.6	11.5
В	47.04	42.3	11.5
С	63.5	58.7	11.5
D	61.11	56	14.3