

HDF-20 Low Profile All-Plastic Connectors (for Round Conductor Flat Ribbon Cable)

Material and Finish

Housing, Cover & Cable

Stabilizer—Black thermoplastic, 94V-0 rated

Threaded Inserts—Brass, unplated

Pin Contacts—Phosphor bronze, duplex plated .000030 [0.00076] gold on mating end, .000100-.000200 [0.00254-0.00508] bright tin on termination end, with entire contact underplated .000050 [0.00127] nickel

Related Product Data

Contact Arrangement—page 40

Performance Characteristics—page 41

Mateable Receptacles:

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HD-20 Board Mount—pages 54-71, 78-85, 87-89

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Mating/Panel Mounting—page 126

Ribbon Cable—page 125

Accessories:

Mating Hardware—pages 146-150, 153, 155

Application Tooling—page 127

Technical Documents

Product Specifications—

108-40012 HDF-20 Low Profile Connectors

Plug Assemblies



Housing and Covers are Preassembled; Cable Stabilizer is Separate.

Receptacle Assemblies



Housing and Covers are Preassembled; Cable Stabilizer is Separate.

No. of Contact Pos. & (Shell Size)	Optional Cable Stabilizer Part No.	Plug Assembly Part No.		Receptacle Assembly Part No.	
		With Standard Mounting Holes	With Threaded Inserts	With Standard Mounting Holes	With Threaded Inserts
9 (1)	747275-4	1658615-4	1658611-4	1658614-4	1658609-4
15 (2)	747275-3	1658615-3	1658611-3	1658614-3	1658609-3
25 (3)	747275-2	1658615-2	1658611-2	1658614-2	1658609-2
37 (4)	747275-1	1658615-1	—	1658614-1	1658609-1

Note: All assemblies are supplied with housing and cover pre-assembled. Optional cable stabilizer must be ordered separately.

Ribbon Cable Parameters

No. of Conductors	28 AWG [0.08mm ²] Part No.		26 AWG [0.15mm ²] Part No.
	Length Per Reel		Length Per Reel
	100 Ft. [30.5m]	500 Ft. [152.4m]	500 Ft. [152.4m]
9	1-57040-2	1-971111-2	57034-2
15	1-57040-5	1-971111-5	57034-5
25	57040-2	971111-2	57034-9
37	1-57040-8	1-971111-8	1-57034-3
50	57040-6	971111-6	1-57034-5

Note: All part numbers are RoHS compliant.