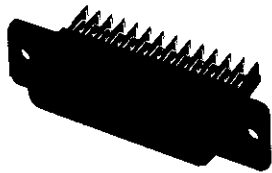
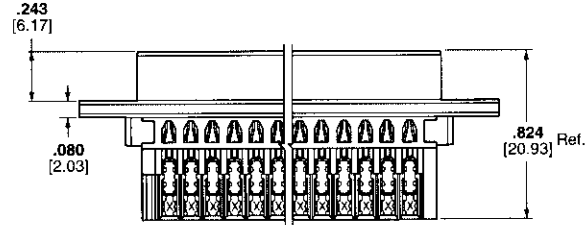
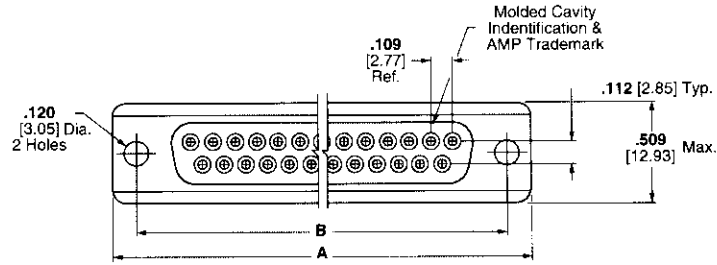


HDE-20 All-Plastic IDC Connectors (Continued)

Receptacle



Receptacle



Material and Finish:

Housing—94V-0 rated thermoplastic, black

Contacts—Phosphor bronze

Contact Finish—Duplex plated:

A—.000030 [0.00076] gold on mating end, tin-lead on termination end, with entire contact nickel underplated

B—Gold flash on mating end, tin-lead on termination end, with entire contact nickel underplated

Related Product Data:

Contact Arrangements—page 41

Performance Characteristics—page 42

Interchangeable Crimp Snap-In Contacts—page 126

Application Tooling—pages 126-128

Mateable Connectors:

HDP—pages 95-102

HD-20 Board Mount—pages 55-72, 83-90, 92-94

Mating/Panel Mounting—page 43

Cable Clamps—pages 137, 138, 140-142, 145, 146, 149, 150

Mating Hardware—pages 151-155, 158, 160

Technical Documents:

Product Specification—108-40011

Application Specifications—114-40002
114-40003

Instruction Sheet—408-6621

Note: Instruction Sheets for AMP Tooling are packaged with the tooling. For additional information call the Tooling Assistance Center: **1-800-722-1111**.

Shell Size	No. of Contact Positions	Dimensions		Contact Finish (Plating Code)	Connector Part Numbers
		A	B		Contact Identification No. 2 for 26-22 AWG [0.15-0.4mm ²] Wire
1	9	1.213 30.81	.984 24.99	A B	Receptacle 745201-2
					745201-5
2	15	1.541 39.14	1.312 33.33	A B	745205-2
					745209-2
3	25	2.090 53.09	1.852 47.04	A B	745209-5
					745209-5

- Notes:**
- All connectors are preloaded with insulation displacement contacts. Pins in plug connectors and sockets in receptacle connectors. Contacts accept a max. wire insulation thickness of .015 [0.38] and a max. wire insulation dia. of .060 [1.52].
 - HDE connectors are designed for terminating solid or stranded (7-strand max.) wire.
 - Individual conductor strands should be larger than .005 inch [0.127] diameter.
 - Extraction Tool Part No. 91232-1 (Instruction Sheet 408-6631) is used to remove pin or socket contacts.
 - For terminating more than one wire, or a drain wire, use crimp contacts on page 126.