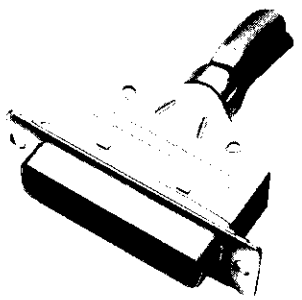
HDE-20 Basic Shielding Hardware Kits (Continued)



Each kit contains:

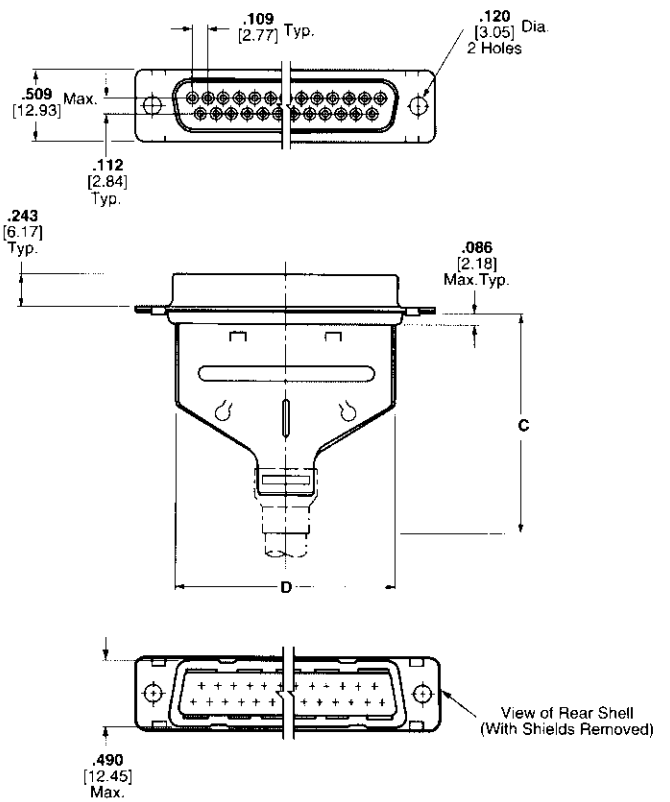
- Connector
- Inner shield
- Outer shield

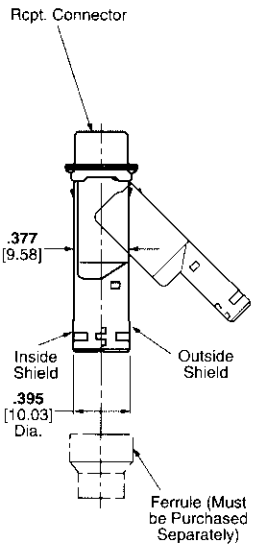
Ferrules must be purchased separately.

Material and Finish:

Connector Shell—Steel, tin plated
Connector Insert—94V-0 rated thermoplastic, black
Shield—Steel, tin plated
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

Receptacle





Related Product Data:

Contact Arrangements—page 41
Performance Characteristics—page 42
Application Tooling—pages 126-128
Mateable Connectors:
HDP—pages 95-102
HD-20 Board Mount—pages 55-72, 83-90, 92-94
Mating Hardware—pages 151-155, 158, 160
Mating/Panel Mounting—page 43

Technical Documents:

Product Specifications—
108-40011
108-40030

Application Specifications—
114-40002
114-40003
114-40006

Instruction Sheet—408-9010

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 Pos.	Dimensions C	Dimensions D	Recommended Cable Outer Dia. Range	Max. Inner Cable Bundle Dia.†	Contact Finish (Plating Code)	Connector Part Numbers: Contact I.D. No. 1 for 30-26 AWG [0.05-0.15mm²] Wire	Contact I.D. No. 2 for 26-22 AWG [0.15-0.4mm²] Wire	Contact I.D. No. 3 for 22-20 AWG [0.4-0.6mm²] Wire
							Receptacle	Receptacle	Receptacle
1	9	**1.520** 38.61	**.678** 17.22	**.165-.455** 4.19-11.56	**.350** 8.89	A	—	747516-2	747516-3
						B	—	747516-5	—
2	15	**1.520** 38.61	**1.002** 25.45	**.165-.455** 4.19-11.56	**.350** 8.89	A	—	747532-2	—
						B	—	747532-5	—
3	25	**1.520** 38.61	**1.550** 39.37	**.165-.455** 4.19-11.56	**.350** 8.89	A	747548-1	747548-2	—
						B	—	747548-5	—
4	37	**1.867** 47.42	**2.205** 56.01	**.338-.562** 8.59-14.28	**.450** 11.43	B	747564-4	747564-5	—

Note: Components of the kits are shipped unassembled and bulk-packaged in quantities of 100 pieces.
†Maximum cable diameter after jacket and braid removed.

Catalog 82068
Revised 3-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425
South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967