

**Personal Systems Products
Computer Industry**

Input/Output (I/O) Connectors

**Subminiature D Connectors
HDP-22 for Crimp Snap-In
Contacts (AMPLIMITE)**

(Continued)

Material:

- Shell** – Steel, tin plated
- Insert** – Thermoplastic 94V 0, black
- Shields** – Steel, tin plated
- Enclosure** – PVC, black
- Jackscrews** – Zinc alloy
- Contacts/Ferrules** – Purchased separately. See below

**Shielding Hardware Enclosure
Kits — Plugs**



**Shielding Hardware Enclosure
Kits — Receptacles**



Shell Size	No. of Pos.	Part Numbers	
		Plug	Receptacle
1	15	748473-1	748630-1
2	26	748474-1	748640-1
3	44	748475-1	748641-1
4	62	748476-1	748642-1
5	78	748477-1	748643-1

Notes:

1. Plugs accept Size 22 DF pin contacts, and receptacles accept Size 22 DF socket contacts.
2. Components of the kits are shipped unassembled and bulk-packaged in quantities of 100 pieces.

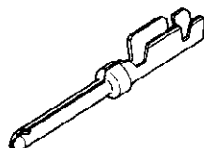
Each Kit Contains:

- Connector
- Inner Shield
- Outer Shield
- Enclosure
- Two Jackscrews

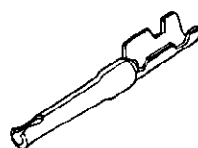
Crimp, Snap-In Contacts — Precision Formed, Size 22 DF

Material:

- Pin Contact** – Brass
- Socket Contact** – Phosphor bronze
- Plating:**
- A.** .000030 [.000076] min. gold on mating end, tin-lead on crimp barrel, all nickel underplate
- B.** Gold flash on mating end, tin-lead on crimp barrel, all nickel underplate



Pin



Socket

Compatible with:

- Wire Size 28-22 AWG [0.4-0.08 mm²]
- Insulation Diameter .40 [1.02] max.

Plating Code	Part Numbers			
	Pin		Socket	
	Strip	Loose	Strip	Loose
A	749333-2	748333-4	748610-2	748610-4
B	749333-5	748333-7	748610-5	748610-7

Note: Strip form contacts shipped 20,000 pieces/reel.

Ferrules — for Shielding Hardware Kits



Stepped



Straight

Shell Size	Style	Cable Dia.	Part Number	Shell Size	Style	Cable Dia.	Part Number
1-3	Stepped	.155-.190 4.19-4.83	747579-8	1-3	Stepped	.190-.217 4.83-5.51	747579-8
1-3	Stepped	.217-.246 5.51-6.25	747579-8	1-3	Stepped	.246-.284 6.25-7.21	1-747579-0
1-3	Stepped	.284-.324 7.21-8.23	1-747579-0	1-3	Stepped	.324-.375 8.23-9.53	1-747579-1
1-3	Straight	.375-.437 9.53-11.05	1-747579-2	1-3	Straight	.400-.460 10.16-11.56	1-747579-4
4-5	Stepped	.230-.265 5.84-6.73	1-747580-0	4-5	Stepped	.338-.365 8.59-9.78	747580-8
4-5	Stepped	.375-.432 9.53-10.97	747580-1	4-5	Stepped	.422-.490 10.72-12.45	747580-5
4	Straight	.480-.562 12.19-14.28	747580-6				

Die Sets:

See Catalog 82068 or contact the AMP Tooling Assistance Center at 1-800-722-1111 for proper die set part numbers and tooling required to assemble ferrules.

Note: BLUE part numbers indicate 2D geometry and 3D CAD models that are included on CD-ROM.