

# Personal Systems Products

## Computer Industry

### Input/Output (I/O) Connectors

#### Subminiature D Connectors .050 Series Series III (AMPLIMITE) (Continued)

##### Material:

**Housing and Covers** — Thermoplastic, 94V-0, black

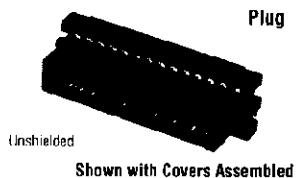
**Shell** — Steel, plated tin-nickel alloy over copper (shielded only)

**Contacts** — Phosphor bronze, plated .000030 [0.00076] min. gold on mating end, .000120 [0.00305] min. tin-lead on solder end, all .000050 [0.00127] min. nickel underplate

#### Cable Plugs and Receptacles — Shielded and Unshielded with Standard Termination Covers

No. of Pos.	Part Numbers				
	Plug		Receptacle		
	Shielded Assembled Covers	Unshielded Assembled Covers	Shielded Assembled Covers	Shielded Unassembled Covers	Unshielded Assembled Covers
40	—	749621-4	—	—	749699-4
50	749111-4	749621-5	749925-3	—	749699-5
68	749111-6	749621-7	749925-5	749210-7	749699-7
80	—	749621-8	—	—	—
100	—	749621-9	—	—	749699-8

**Note:** Shielded connectors require backshell kits (shown below) for complete assembly.



##### Material:

**Backshell** — Zinc, plated nickel over copper

**Strain Relief Staple** — Steel, plated tin over nickel

**Jackscrews** — Steel, plated black zinc

**Jackscrew Caps** — Polyolefin or PVC, black

**2-56 Screws** — Stainless steel

#### Backshell Kits with Jackscrews

No. of Pos.	Part Numbers With Male 2-56 Threads
50	749080-1
100	749081-1
100	749854-1*

\*Part No. 749854-1 slightly larger than Part No. 749081-1



##### Material:

**Backshell** — Zinc, plated nickel over copper

**Strain Relief Staple** — Steel, plated tin over nickel

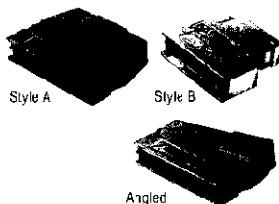
**Spring Latches** — Stainless steel

**2-56 Screws** — Stainless steel

#### Backshell Kits with Spring Latches

No. of Pos.	Part Numbers		
	Straight Style A	Straight Style B	Angled Latches
40	749192-1	—	—
50	749193-2	749889-3	749202-2
68	—	—	749204-1
68	749195-2*	—	749204-2*
80	749196-2	—	—
100	—	—	749206-1

\*Part Nos. 749195-2 and 749204-2 have larger cable O. D.



##### Material:

**Backshell** — Zinc

**Staple** — Steel, plated tin over nickel

**Boot** — PVC, black

**Jackscrews** — Stainless steel, PVC

#### Shielded Enclosure Kits with Male Jackscrews

No. of Pos.	Part Number Enclosure Kit with Male Jackscrews
68	750752-1

**Note:** Each enclosure kit contains two backshells, one boot, two jackscrews, one staple and two 2-56 screws.



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