**AMP**

**Personal Systems Products**
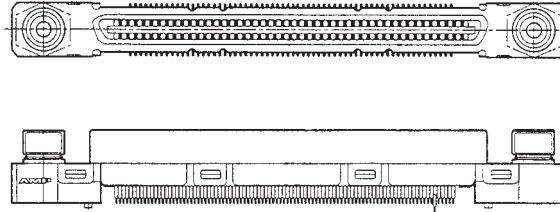**Computer Industry**

**Docking Connectors**

**Personal Systems Products**

**Board-to-Board**
**0.8mm Pitch**
**Docking Connectors**

**Material and Finish:**
**Surface Mount Connectors:**
**Housing –** Thermoplastic, 94V-O rated, white
**Contacts –** Copper alloy, plated palladium nickel and gold on contact area; tin-lead on solder area; nickel underplate overall
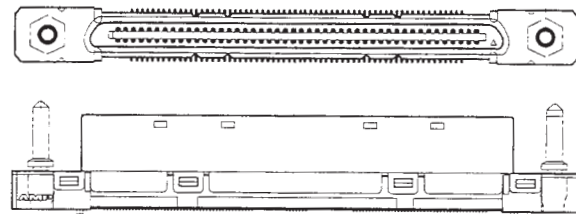**Shell -** Steel, nickel plated
**Guide Socket -** Brass, nickel plated

**7**

Docking Connectors

**100 Position, Surface Mount, Vertical Receptacle Assembly**



**100 Position, Surface Mount, Vertical Plug Assembly**



| Part Numbers | | | |
|---|---|---|---|
| Receptacle | Guide Socket | Plug | Guide Pin |
| 316418-1 | 316427-1 | 316422-1 | 316429-1 |

**Product Facts:**
- Up to 5000 mating/unmating cycles
- Sliding tine plate allows high density, high reliability mountings
- Vertical and horizontal mounting available

**Personal Systems Products**
**Computer Industry**

**Docking Connectors**

**Board-to-Board**
**0.8 mm Pitch**
**Docking Connectors**
**(Continued)**

**160 Position, Surface Mount, Vertical Receptacle Assembly**
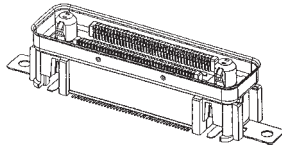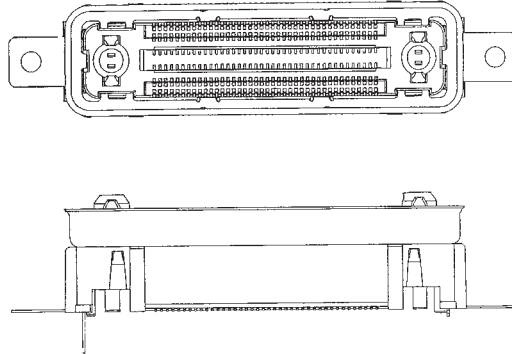


**Material and Finish:**

**Housing –** Thermoplastic, UL94V-O rated, black

**Contacts –** Beryllium copper, plated gold over palladium nickel on mating end; tin-lead on solder end; all over nickel underplate
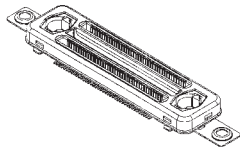
**Shell -** Carbon steel, plated nickel over copper

**Boardlocks -** Phosphor bronze, plated tin-lead over nickel

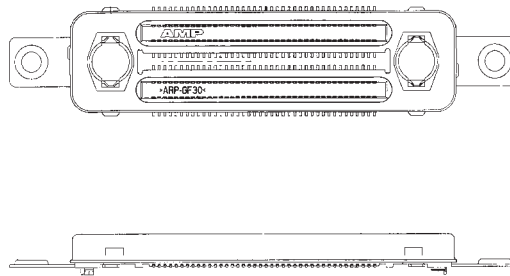**160 Position, Surface Mount, Vertical Plug Assembly**



**Material and Finish:**

**Housing –** Thermoplastic, UL94V-O rated, black

**Contacts –** Brass, plated gold over palladium nickel on mating end; tin-lead on solder end; all over nickel underplate

**Shell -** Carbon steel, plated nickel over copper

**Boardlocks -** Phosphor bronze, plated tin-lead over nickel

| Connector Type | Part Number |
|---|---|
| Receptacle | 368751-1 |
| Plug | 368756-1 |

**Personal Systems Products**

**Computer Industry**

## Docking Connectors

**Board-to-Board
0.8 mm Pitch
Docking Connectors
(Continued)**

**Material and Finish:**
**Housing –** Thermoplastic, UL94V-O rated, black
**Contacts –** Copper alloy, plated palladium nickel and gold on contact area; tin-lead on solder area; nickel underplate overall; ground contacts tin-lead plated over nickel underplate
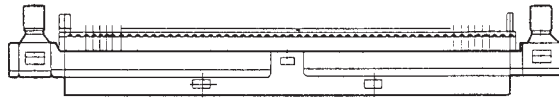**Shell -** Stainless steel (Receptacle); nickel plated (Plug)
**Tine Plate -** Thermoplastic, UL94V-O rated, black
**Drain Wire (Plug) -** Stainless steel

**240 Position, Thru-Hole, Vertical Receptacle Assembly**
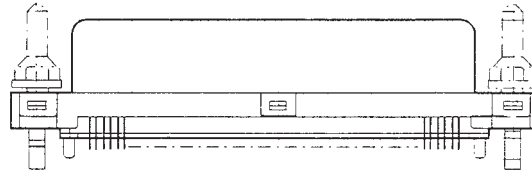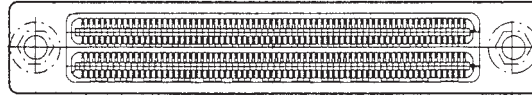
**240 Position, Thru-Hole, Vertical Plug Assembly**

| Part Numbers | | | | |
|---|---|---|---|---|
| | | Plug | | |
| Receptacle | Guide Pin | w/o SIF | SIF | Guide Socket |
| 0-1123608-1 | 0-1123616-1 | 0-1123599-1 | 0-1123599-2 | 0-1123607-1 |

Personal Systems Products

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Docking Connectors

**Personal Systems Products**
**Computer Industry**

**Docking Connectors**

**Board-to-Board**
**0.8 mm Pitch**
**Docking Connectors**
**(Continued)**

**Material and Finish:**
**Housing –** Thermoplastic, UL94V-O rated, black
**Contacts –** Copper alloy, plated palladium nickel and gold on contact area; tin-lead on soldering area; nickel underplate all over
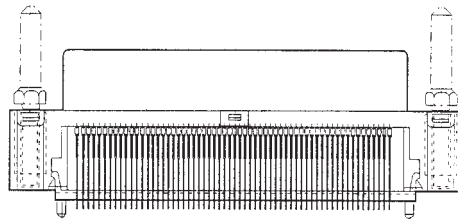**Shell -** Steel, nickel, copper and tin plated
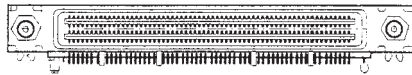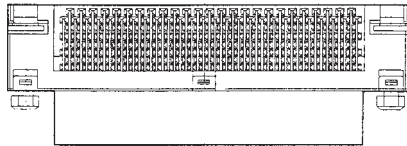**Guide Plate Tine Plate -** UL94V-O rated thermoplastic, black
**Nut -** Brass
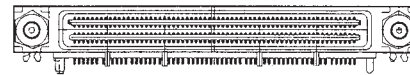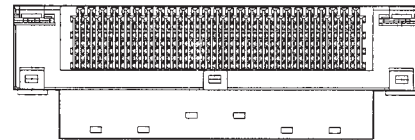**Retention Leg -** Brass, tin-lead and nickel plate

**240 Position, Thru-Hole, Vertical Receptacle Assembly**

**240 Position, Thru-Hole, Horizontal Receptacle Assembly with Retention Leg**

**240 Position, Thru-Hole, Horizontal Plug Assembly with Retention Leg**

| Part Numbers | | | | |
|---|---|---|---|---|
| Receptacles | | | | Plug |
| Vertical | Guide Pin | Horizontal | Guide Pin | Horizontal |
| 353960-1 | 353966-1 | 353967-1 | 1123441-1 | 353952-1 |