



## 1.27mm (.050") Pitch SliderZ™ Board-to-Board Connector Hermaphroditic

SliderZ is a one-piece, board-to-board connector system that uses a "slide" action in the vertical Z-axis to minimize assembly and service costs for mated printed circuit boards (PCBs). SliderZ allows the user to mate or remove one PCB while leaving the adjacent PCB undisturbed.

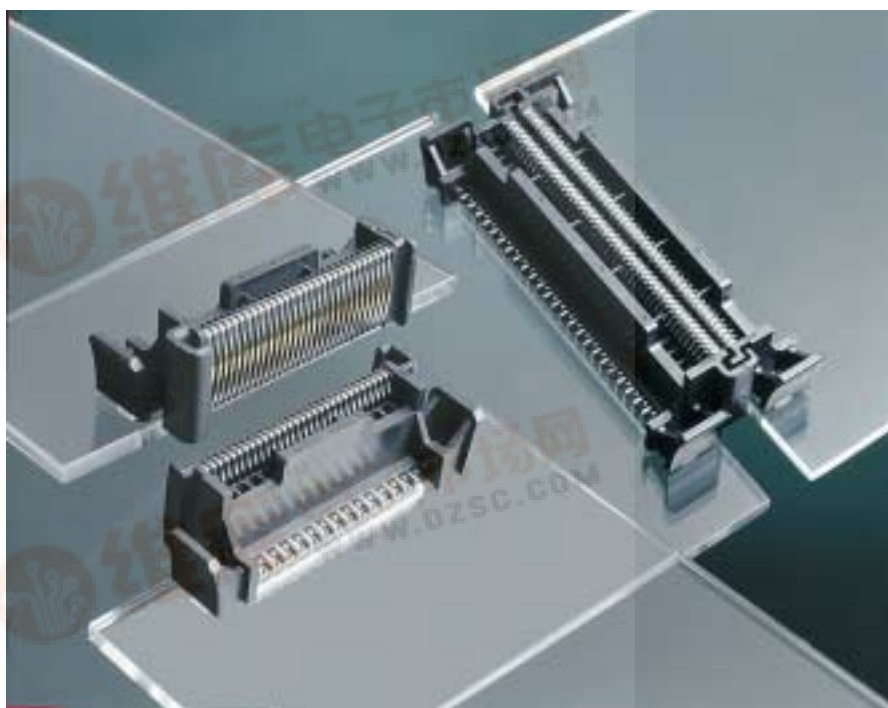
SliderZ features a hermaphroditic design, so the same connector is used in the mated pair. The connector has a 1.27mm (.050") pitch centerline spacing and is available in 10 through 60 select circuit sizes for a range of applications. Select-gold plating on the contacts ensures durability up to 1000 mating cycles.

Prominent finger pulls allow for ergonomic handling and minimize stress to the board and connector.

The versatile SliderZ connector is ideal for low power and signal applications where easy servicing, upgrading or plug-in expansion of PCBs is preferred.

### Features and Benefits

- Innovative "slide" Z-axis mating action enables efficient assembly, servicing and retrofitting of PCBs
- Hermaphroditic, single-connector system simplifies ordering and reduces inventory costs
- Guide rails and generous lead-ins help simplify installation and allow Z-axis misalignment of PCBs up to 1.59mm (.062") for wider assembly tolerances
- Solder tails of 2.79mm (.110") length fit in standard 1.59mm (.062") thick PCBs
- Press-fit board locks hold down the connector firmly to the PCB during soldering process
- Optional caps available to protect contacts during shipment and board attachment



**molex®** 1.27mm (.050") Pitch  
**SliderZ™**  
**Board-to-Board Connector**  
**Hermaphroditic**

**Specifications**

**Reference Information**

Product Specification: PS-44245

**Electrical**

Voltage: 30V

Current: 1.5A – 10 circuit

1.25A – All other circuits

Contact Resistance: 10 milliohms max.

**Mechanical Durability:**

1000 cycles

**Physical:**

Housing: Glass-filled polyester, UL 94V-0

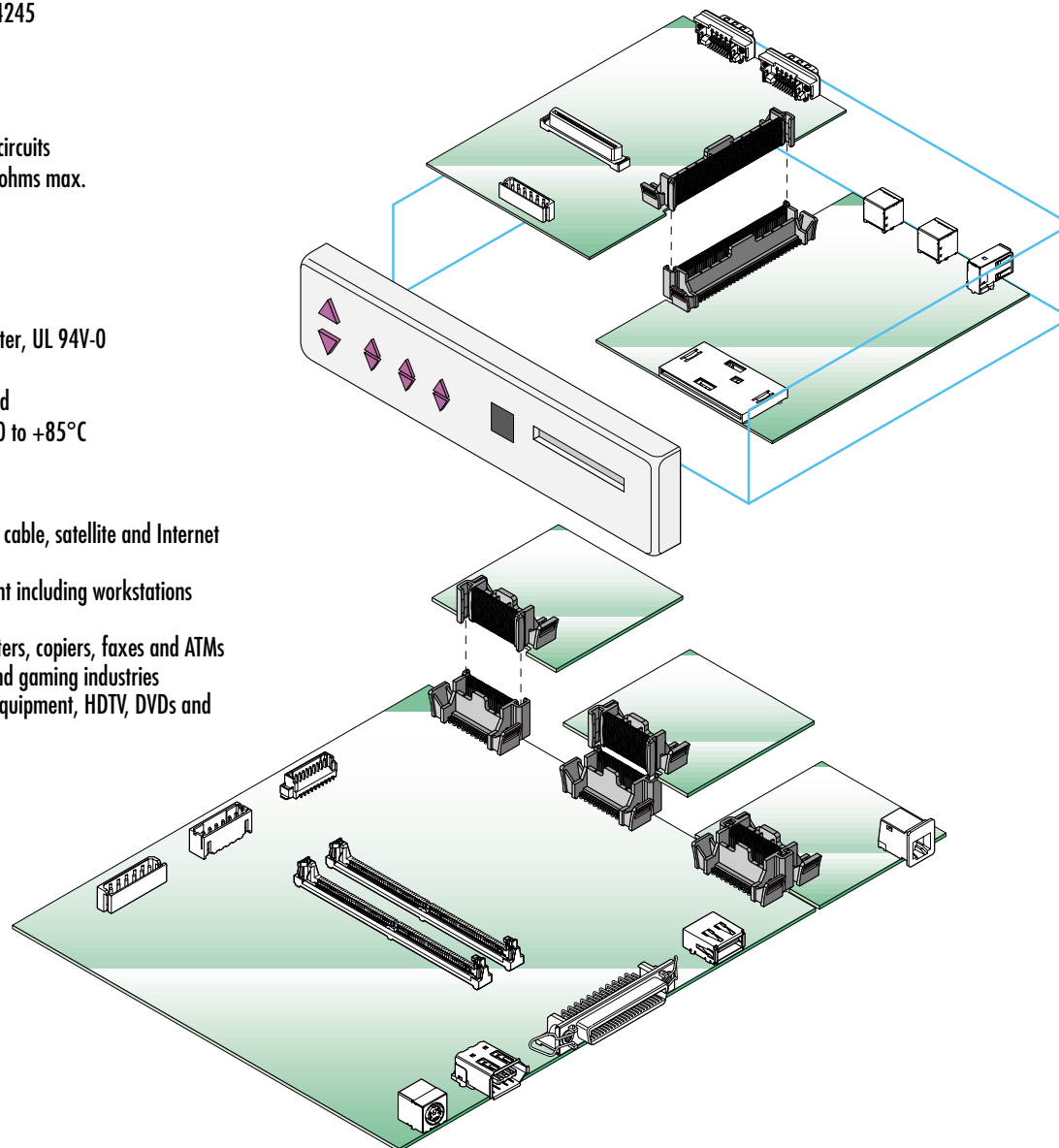
Contact: Copper Alloy

Plating: 0.76µm (30µ") Gold

Operating Temperature: -40 to +85°C

**Applications**

- Set-top boxes for digital cable, satellite and Internet connections
- High-end data equipment including workstations and servers
- Business machines, printers, copiers, faxes and ATMs
- Machines for vending and gaming industries
- High-end audio/video equipment, HDTV, DVDs and amplifiers



**ORDERING INFORMATION**

Circuits	Order No.
10	44245-0010
20	44245-0020
30	44245-0030
40	44245-0040
50	44245-0050
60	44245-0060

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