查询"45579"供应商

2.50mm (.098") Pitch SPOX™ BMI Connector System

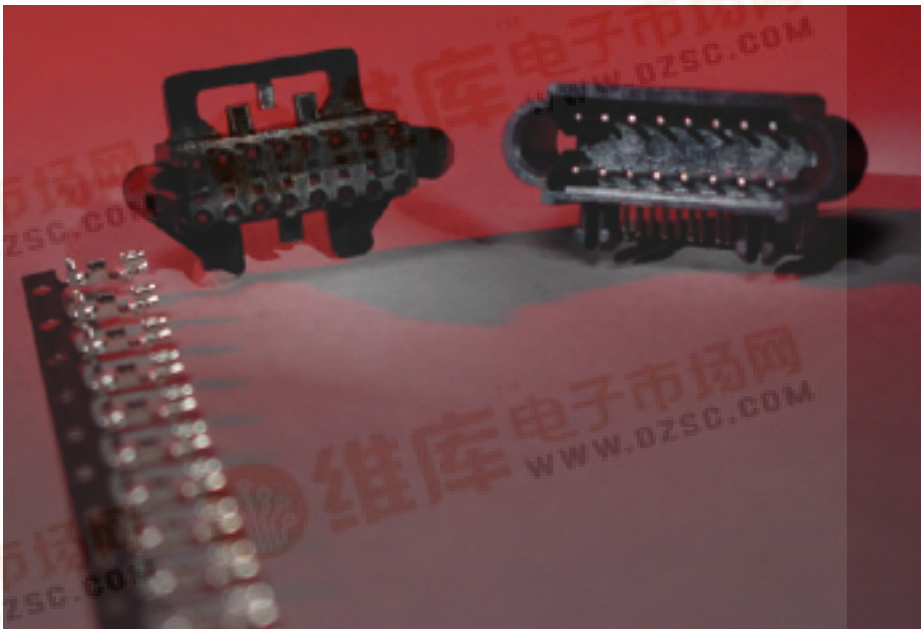
45578, 45579, 45608, 45609, 45626, 45627

Wire-to-Wire, Wire-to-Board

SPOX BMI connectors offer self-aligning features in one of the smallest blind-mate packages available

The unique low-profile design of the SPOX Blind-mate Interface (BMI) allows for a mated stack distance of only 11.00mm (.430"). Utilizing proven SPOX-style contacts for high reliability, the products are suitable for situations requiring highly reliable Tin interfaces. The unique dual-row panel-mounting design provides rugged support for blind-mating applications and permits up to 3.00mm (.120") of misalignment between connectors prior to engagement. Multiple pin counts permit design flexibility and provide for both power and signal circuitry.

These dual-row 2.50mm (.098") products are not intermateable with the conventional single-row 2.50mm (.098") products.



Features and Benefits

- Headers are molded in LCP high-temperature plastic meeting Lead-free processing requirements
- Panel mounting feature permits up to 3.00mm (.120") misalignment in horizontal and vertical directions and blind-mating of products as connectors can self-align
- First-mate/last-break circuits provide sequential engagement of contacts for design flexibility
- Robust alignment features virtually eliminate contact damage

SPECIFICATIONS

Reference Information

Packaging: Bulk — 45578, 45579, 45626, 45609
Tray — 45608
Reel — 45627
UL File No.: Pending
CSA File No.: Pending
Mates With: 45578 mates to 45579
45627 mates to 45579
45626 uses 45627
45608 mates to 45609
Designed In: millimeters

Electrical

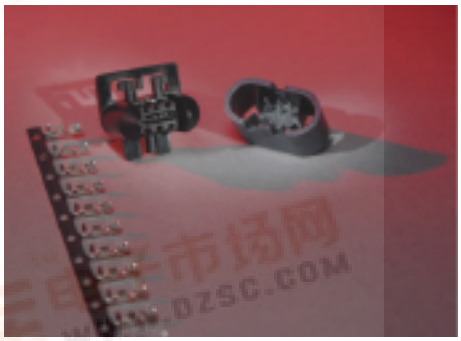
Voltage: 250V AC (RMS)
Current: 22 AWG – 3.0A
24 AWG – 2.5A
26 AWG – 2.0A
28 AWG – 1.5A
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 1,500V
Insulation Resistance: 1,000 Megohms min.

Mechanical

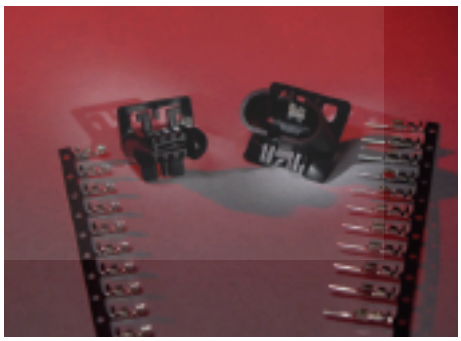
Contact Insertion Force: 14.7N (3.3 lbf)
Contact Retention to Housing: 14.7N (3.3 lbf)
Mating Force: Varies by circuit size
Unmating Force: Varies by circuit size
Durability: 25 cycles-Tin

Physical

Housing: Crimp housings — Polyester
Headers — LCP
Crimp Contact: Phosphor Bronze
Plating: Contact Area — Tin
Solder Tail Area — Tin
Underplating — Nickel
PCB Thickness: 1.57mm (.062")
Operating Temperature: -40 to + 105°C



6-pin wire-to-board, vertical connector



6-pin wire-to-wire, panel-mount connector

找PDF 维库一下 pdf.dzsc.com

APPLICATIONS

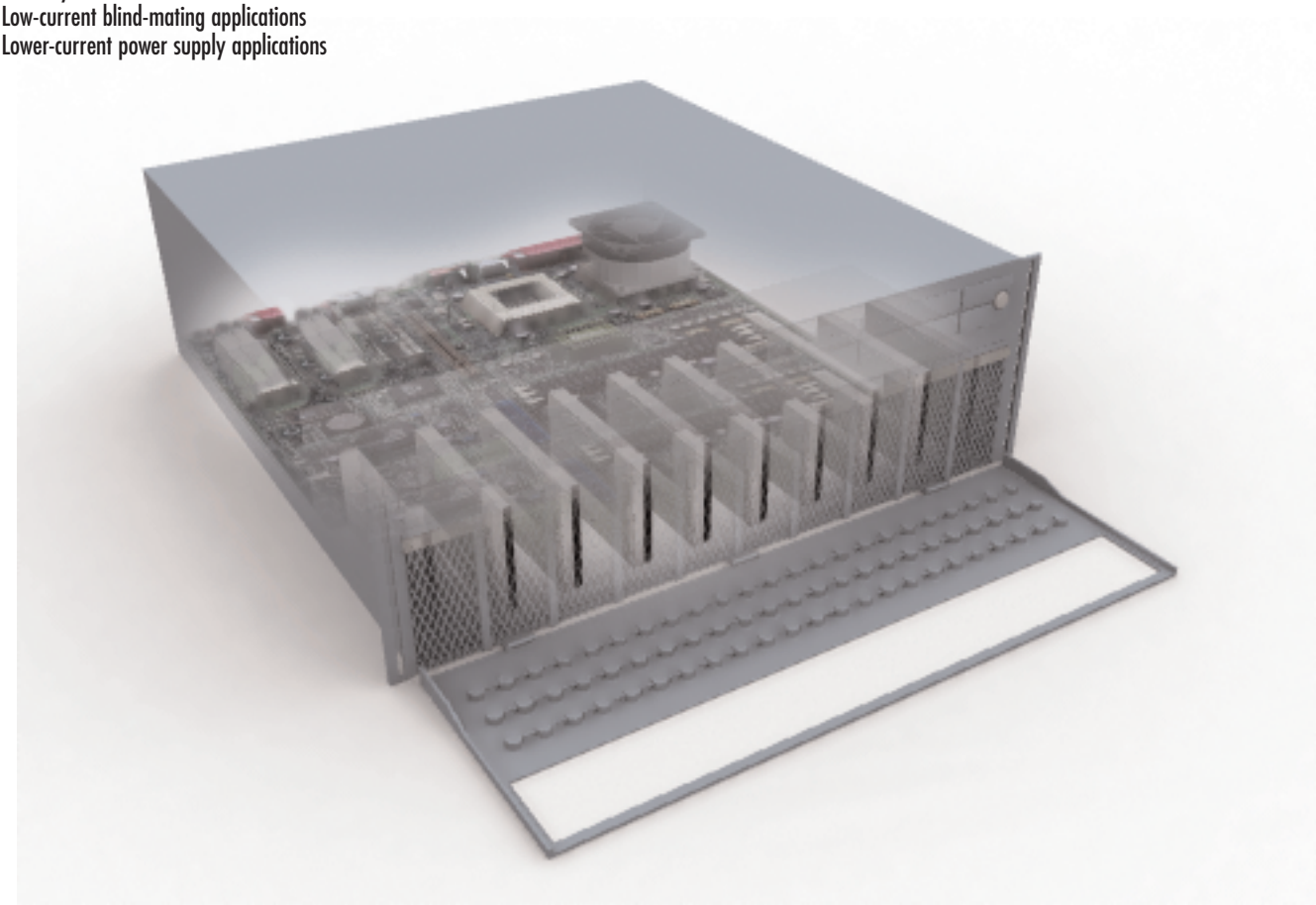
查询"45579"供应商

- Telecommunication Equipment
  - Hubs
  - Servers
  - Routers
- Other Markets
  - Fan-tray assemblies
  - Low-current blind-mating applications
  - Lower-current power supply applications

2.50mm (.098") Pitch SPOX™ BMI Connector System

45578, 45579, 45608, 45609, 45626, 45627

Wire-to-Wire, Wire-to-Board



ORDERING INFORMATION

Order No.	Product Type	Orientation	Pin Count	Housing Material	Application
45578-0001	Header Assembly	Vertical	6	Liquid Crystal Polymer	Wire-to-Board
45578-0002	Header Assembly	Vertical	6	Liquid Crystal Polymer	Wire-to-Board
45579-0001	Receptacle	Panel Mount	6	Polyester	Wire-to-Wire and Wire-to-Board
45626-0001	Plug	Panel Mount	6	Polyester	Wire-to-Wire
45627-0001	Crimp Terminal	-	-	Phosphor Bronze	Wire-to-Wire and Wire-to-Board
45608-0001	Header Assembly	Right Angle	16	Liquid Crystal Polymer	Wire-to-Board
45609-0001	Receptacle	Panel Mount	16	Polyester	Wire-to-Board

Americas Headquarters
Lisle, Illinois 60532 U.S.A.
1-800-78MOLEX
amerinfo@molex.com

Far East North Headquarters
Yamato, Kanagawa, Japan
81-462-65-2324
feninfo@molex.com

Far East South Headquarters
Jurong, Singapore
65-6-268-6868
fesinfo@molex.com

European Headquarters
Munich, Germany
49-89-413092-0
eurinfo@molex.com

Corporate Headquarters
2222 Wellington Ct.
Lisle, IL 60532 U.S.A.
630-969-4550
Fax:630-969-1352

Visit our Web site at http://www.molex.com/product/wb/spoxbmi.html

Order No. USA-286

Printed in USA/2.5K/JI/JI/2005.01

©2005, Molex