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Part Number: [44245-0020](#)
Status: **Active**
Overview: SliderZ™
Description: 1.27mm Pitch SliderZ™ Board-to-Board Connector, Hermaphroditic

Documents:

[3D Model](#) [Test Summary TS-44245-999 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-44245-999 \(PDF\)](#)

General

| | |
|----------------|------------------------|
| Product Family | PCB Headers |
| Series | 44245 |
| Application | Board-to-Board, Signal |
| Overview | <u>SliderZ™</u> |
| Product Name | SliderZ™ |
| UPC | 800756515588 |

Physical

| | |
|--------------------------------|------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 20 |
| Circuits (maximum) | 20 |
| Durability (mating cycles max) | 1,000 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | No |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 13.090/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 3.05mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.40mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 1.27mm |
| Pitch - Termination Interface | 1.27mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 3.048µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Shrouded | Fully |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40°C to +85°C |
| Termination Interface: Style | Through Hole |

Electrical

| | |
|-------------------------------|--------------|
| Current - Maximum per Contact | 1.25A |
| Voltage - Maximum | 30V AC (RMS) |

Solder Process Data

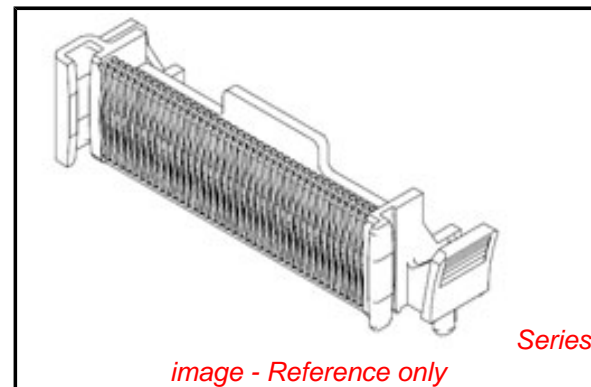


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Low-Halogen Status
Not Low-Halogen**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[44245Series](#)

| | |
|--|------------------------|
| Duration at Max. Process Temperature (seconds) | 5 |
| Lead-free Process Capability | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature | 1 |
| Process Temperature max. C | 245 |

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|----------------------------|
| Product Specification | PS-44245-999 |
| Sales Drawing | SD-44245-002, SD-44783-001 |
| Test Summary | TS-44245-999 |

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