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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

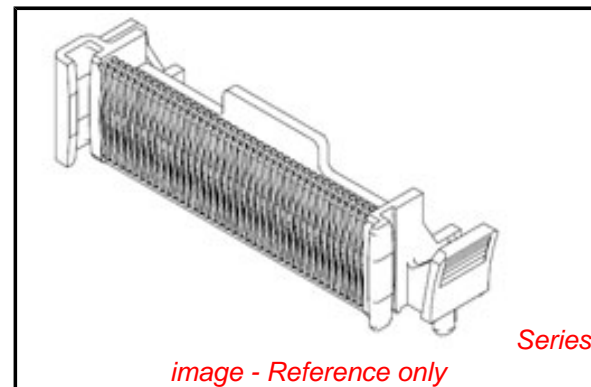


image - Reference only

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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