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**Part Number:** [5014972010](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.50mm Pitch Board-to-Board Connectors  
**Description:** 0.50mm Pitch SlimStack™ Board-to-Board PCB Receptacle, Shielded, Surface Mount, Dual Row, Vertical, 6.00mm Stacking Height, 200 Circuits

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family	PCB Receptacles
Series	<a href="#">501497</a>
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack™ 0.50mm Pitch Board-to-Board Connectors</a>
Product Name	SlimStack™
UPC	822350379007

**Physical**

Circuits (Loaded)	200
Circuits (maximum)	200
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Mated Height	6.00mm
Material - Metal	Copper Alloy, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	2380.801/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	0.50mm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount

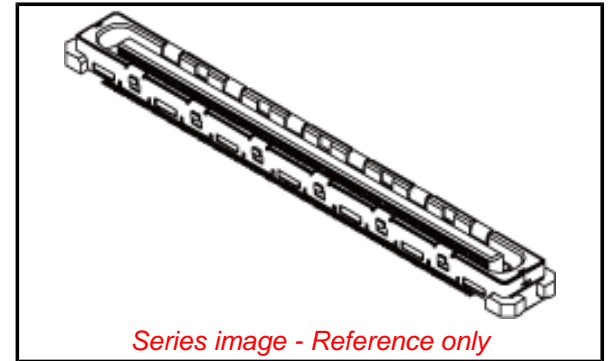
**Electrical**

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing [SD-501497-001](#), [SD-501497-003](#)



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

**China RoHS**

Green Image

Not Relevant

**Search Parts in this Series**

[501497](#) Series

**Mates With**

[501493](#) PCB Header

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