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**Part Number:** [5015270230](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.40mm Pitch Board-to-Board Connectors  
**Description:** 0.40mm Pitch SlimStack™ Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 1.30mm Stacking Height, with Solder Tabs, with Metal Cover, 20 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-505225-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-501527-001-001 \(PDF\)](#)

**General**

Product Family PCB Receptacles  
Series [501527](#)  
Application Board-to-Board, Signal  
Overview [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)  
Product Name SlimStack™  
UPC 800756678009

**Physical**

Circuits (Loaded) 20  
Circuits (maximum) 20  
Color - Resin Black  
Durability (mating cycles max) 30  
Glow-Wire Compliant No  
Lock to Mating Part Yes  
Mated Height 1.30mm  
Material - Metal High Performance Alloy (HPA), Phosphor Bronze, Stainless Steel  
Material - Plating Mating Gold  
Net Weight 74.989/mg  
Number of Rows 2  
Orientation Vertical  
PCB Locator No  
PCB Retention Yes  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface 0.40mm  
Polarized to Mating Part No  
Polarized to PCB No  
Robotic Placement Pick and Place Cap  
Stackable No  
Temperature Range - Operating -25°C to +85°C  
Termination Interface: Style Surface Mount

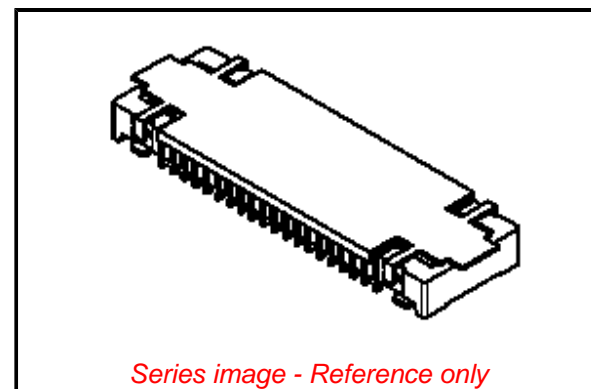
**Electrical**

Current - Maximum per Contact 0.3A  
Voltage - Maximum 50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-501527-001-001, PS-505225-001-001  
Sales Drawing SD-501527-001, SD-501527-002



*Series image - Reference only*

**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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[501527](#) Series

**Mates With**

[501531](#) PCB Header

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