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**Part Number:** [0524180510](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board Connectors  
**Description:** 2.00mm Pitch SlimStack Board-to-Board Receptacle, Right-Angle, Single Row, Friction Lock, 5 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-52418-003-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Packaging Specification 524189200-SPK-200 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Receptacles  
 Series [52418](#)  
 Application Board-to-Board, Signal  
 Overview [SlimStack Board-to-Board Connectors](#)  
 Product Name SlimStack  
 UPC 800753567931

**Physical**

Circuits (Loaded) 5  
 Circuits (maximum) 5  
 Color - Resin Natural  
 Durability (mating cycles max) 30  
 Glow-Wire Capable No  
 Mated Height 3.95mm  
 Mated Width 6.00mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 244.700/mg  
 Number of Rows 1  
 Orientation Right Angle  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.00mm  
 Plating min - Mating 0.914µm  
 Plating min - Termination 0.914µm  
 Polarized to PCB No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style Through Hole - Kinked Pin

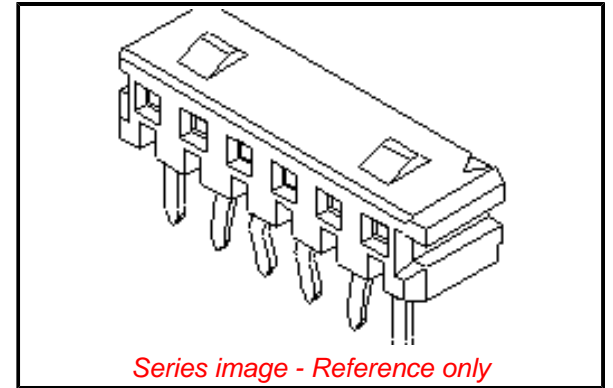
**Electrical**

Current - Maximum per Contact 1.5A  
 Voltage - Maximum 125V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification 524189200-SPK-200  
 Product Specification PS-52418-003-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)4578-DC (25  
 June 2020)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[52418 Series](#)

**Mates With**

[53290](#)

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