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**Part Number:** [0524181110](#)  
**Status:** **Active**  
**Overview:** [SlimStack Board-to-Board Connectors](#)  
**Description:** 2.00mm Pitch SlimStack Board-to-Board Receptacle, Right-Angle, Single Row, Friction Lock, 11 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

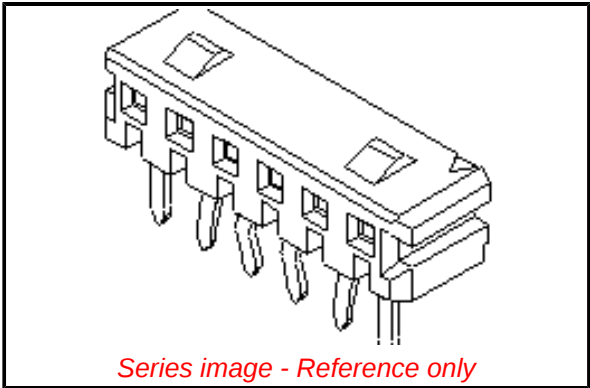
**General**  
Product Family PCB Receptacles  
Series [52418](#)  
Application Board-to-Board, Signal  
Overview [SlimStack Board-to-Board Connectors](#)  
Product Name SlimStack  
UPC 800753568013

**Physical**  
Circuits (Loaded) 11  
Circuits (maximum) 11  
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 509.800/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



Series image - Reference only

**EU ELV**  
**Not Relevant**

**EU RoHS** **China 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 Green Image  
ELV Not Relevant  
RoHS Phthalates Not Contained

**Search Parts in this Series**  
[52418 Series](#)

**Mates With**  
[53290](#)

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