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**Part Number:** [0524182010](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board Connectors  
**Description:** 2.00mm Pitch SlimStack Board-to-Board Receptacle, Right-Angle, Single Row, Friction Lock, 20 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-52418-003-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 524189200-SPK-200 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">52418</a>
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack Board-to-Board Connectors</a>
Product Name	SlimStack
UPC	800753568075

**Physical**

Circuits (Loaded)	20
Circuits (maximum)	20
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	907.300/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

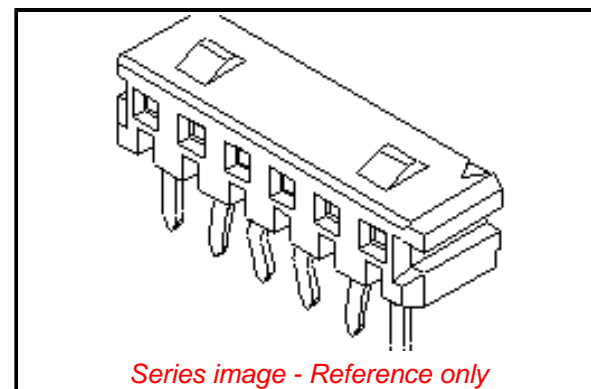
**Electrical**

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**

**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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