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Part Number: [0524181810](#)
Status: **Active**
Overview: SlimStack Board-to-Board Connectors
Description: 2.00mm Pitch SlimStack Board-to-Board Receptacle, Right-Angle, Single Row, Friction Lock, 18 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 800753757752

Physical

Circuits (Loaded) 18
 Circuits (maximum) 18
 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 819.000/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

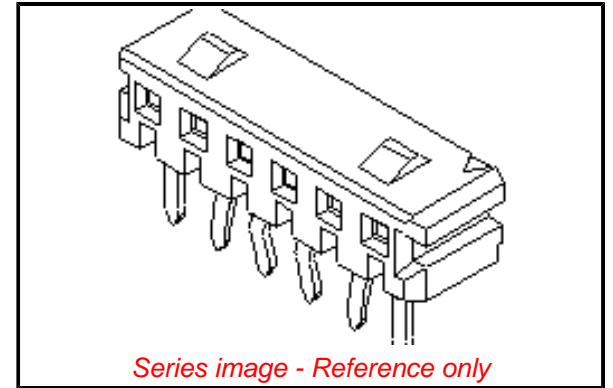
Electrical

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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