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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:

[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 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

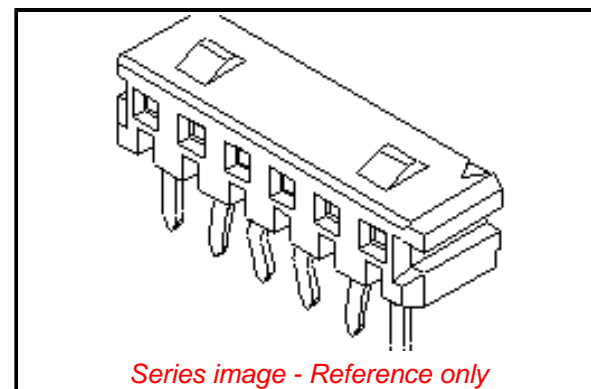
Electrical

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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