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Part Number: [0541020164](#)
Status: **Active**
Overview: SlimStack™ 0.50mm Pitch Board-to-Board Connectors
Description: 0.50mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical, 2.50mm Stacking Height, Gold Plating with Nickel Barrier, 16 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-54102-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54102-011-001 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Receptacles
Series [54102](#)
Application Board-to-Board, Signal
Overview [SlimStack™ 0.50mm Pitch Board-to-Board Connectors](#)
Product Name SlimStack
UPC 822348279951

Physical

Circuits (Loaded) 16
Circuits (maximum) 16
Color - Resin Black
Durability (mating cycles max) 30
Glow-Wire Capable No
Lock to Mating Part Yes
Mated Height 2.50mm
Mated Width 5.30mm
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Gold
Net Weight 76.125/mg
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 0.50mm
Polarized to Mating Part No
Polarized to PCB No
Temperature Range - Operating -40° to +105°C
Termination Interface: Style Surface Mount

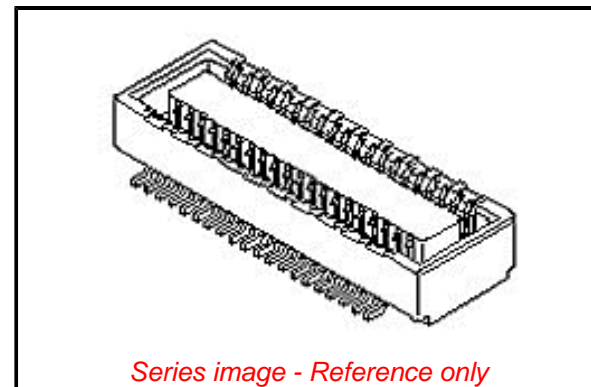
Electrical

Current - Maximum per Contact 0.5A
Voltage - Maximum 50V

Material Info

Reference - Drawing Numbers

Packaging Specification SPK-54102-001-001
Product Specification PS-54102-011-001
Sales Drawing SD-54102-006, SD-54102-007



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

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

[54102 Series](#)

Mates With

[500334 PCB Header](#), [53885 PCB Header](#)

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