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Part Number: **0541020404**
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, 40 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 822348279982

Physical

Circuits (Loaded) 40
Circuits (maximum) 40
Color - Resin Black
Durability (mating cycles max) 30
Glow-Wire Compliant No
Lock to Mating Part Yes
Mated Height 2.50mm
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Gold
Net Weight 156.861/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
Stackable No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Surface Mount

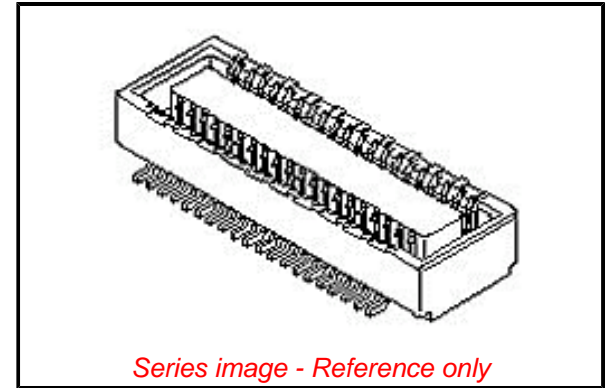
Electrical

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/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

54102 Series

Mates With

53885 PCB Header

This document was generated on 08/28/2017

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