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Part Number: [54102-0164](#)
Status: **Active**
Overview: SlimStack™ 0.50mm Pitch
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	Product Specification PS-54102-011 (PDF)
Drawing (PDF)	Packaging Specification SPK-54102-001 (PDF)
Product Specification PS-54102-010 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	54102
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.50mm Pitch
Product Name	SlimStack™
UPC	822348279951

Physical

Circuits (Loaded)	16
Circuits (maximum)	16
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	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
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

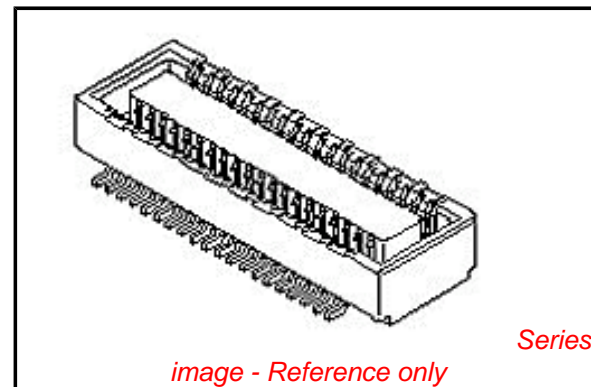
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-54102-001
Product Specification	PS-54102-010, PS-54102-011, RPS-54102-008, RPS-54102-012, RPS-54102-014, RPS-54102-015, RPS-54102-017
Sales Drawing	SD-54102-006, SD-54102-007



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

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 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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Search Parts in this Series

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Mates With

[500334 PCB Header](#)

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