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Part Number: [0541020704](#)
Status: **Active**
Overview:
Description: 0.50mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical, 2.50mm Stacking Height, Gold Plating with Nickel Barrier, 70 Circuits

Agency Certification

UL E29179

General

Product Family PCB Receptacles
Series [54102](#)
Application Board-to-Board, Signal
Overview slimstack_fine_pitch_smt_board_to_board_connectors
Product Name SlimStack
Series Name 0.5, BB H2.5
UPC 822348280117

Physical

Circuits (Loaded) 70
Circuits (maximum) 70
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 257.631/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-54102-006-001, SD-54102-007-001

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
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Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[54102](#) Series

Mates With

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

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