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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
 July 2021)

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

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[54102](#) Series

Mates With

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

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