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Part Number: **0541020508**
Status: **Contact Molex**
Description: 0.50mm (.020") Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 2.50mm (.098") Stacking Height, 16, 20, 30, 40, 50, 60 and 70 Circuit Size Versions, 50 Circuits

Documents:

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

General

Product Family PCB Receptacles
 Series [54102](#)
 Application Board-to-Board
 Product Name SlimStack™

Physical

Circuits (Loaded) 50
 Color - Resin Black
 Durability (mating cycles max) 30
 Glow-Wire Compliant No
 Mated Height (in) 0.098 In
 Mated Height (mm) 2.50 mm
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Gold
 Material - Resin High Temperature Thermoplastic
 Number of Rows 2
 Orientation Vertical
 PCB Locator No
 PCB Retention None
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface (in) 0.020 In
 Pitch - Mating Interface (mm) 0.50 mm
 Plating min: Mating (µin) 10
 Plating min: Mating (µm) 0.25
 Plating min: Termination (µin) 4
 Plating min: Termination (µm) 0.1
 Polarized to PCB No
 Surface Mount Compatible (SMC) N/A
 Temperature Range - Operating -40°C to +85°C
 Termination Interface: Style Surface Mount

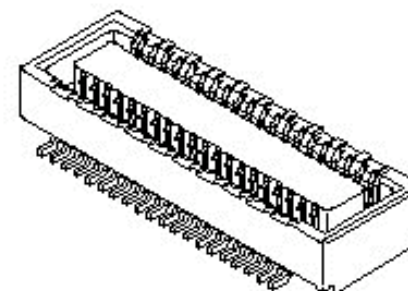
Electrical

Current - Maximum 0.5A
 Voltage - Maximum 50V

Material Info

Reference - Drawing Numbers

Product Specification PS-54102-001
 Product Specification RPS-54102-002
 Product Specification RPS-54102-009
 Product Specification RPS-54102-011
 Sales Drawing SD-54102-***8
 Sales Drawing SD-54102-010



Series image - Reference only

EU RoHS

**ELV and RoHS
 Compliant**
REACH SVHC
 Not Reviewed
**Halogen-Free
 Status**

China RoHS



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 environmental compliance?**

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 non-product compliance questions.

Search Parts in this Series

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Mates With

[53885 PCB Header](#)

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