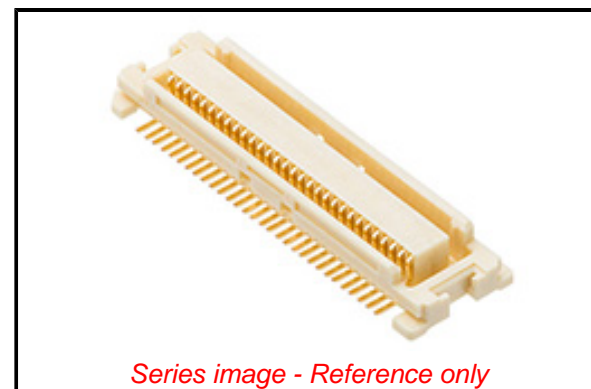


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Part Number: [0529910508](#)
Status: **Active**
Overview: SlimStack™ 0.50mm Pitch Board-to-Board Connectors
Description: 0.50mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical, 3.00 and 4.00mm Stacking Heights, Lower Circuit Size Version, White, 50 Circuits

Documents:

| | |
|--|---|
| 3D Model | Product Specification PS-52991-009-001 (PDF) |
| Drawing (PDF) | Product Specification PS-54167-002-001 (PDF) |
| Product Specification PS-52991-003-001 (PDF) | Packaging Specification SPK-52991-001-001 (PDF) |
| Product Specification PS-52991-008-001 (PDF) | RoHS Certificate of Compliance (PDF) |



Agency Certification

UL E29179

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 52991 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack™ 0.50mm Pitch Board-to-Board Connectors |
| Product Name | SlimStack |
| UPC | 800754364454 |

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 50 |
| Circuits (maximum) | 50 |
| Glow-Wire Capable | No |
| Mated Height | 3.00mm, 4.00mm |
| Mated Width | 5.40mm |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Net Weight | 194.801/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 |
| Plating min - Mating | 0.102µm |
| Plating min - Termination | 0.254µm |
| Polarized to PCB | No |
| Surface Mount Compatible (SMC) | N/A |
| 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-52991-001-001 |
| Product Specification | PS-52991-003-001, PS-52991-008-001, PS-52991-009-001, PS-54167-002-001 |
| Sales Drawing | SD-52991-004, SD-52991-005 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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

Search Parts in this Series

[52991 Series](#)

Mates With

Board-to-Board SlimStack Plug [53748](#) ,
[53916](#) , [501920](#)

This document was generated on 10/24/2018

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