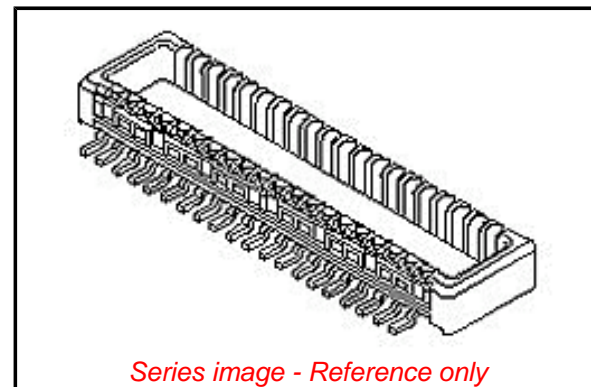


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Part Number: [0555600307](#)
Status: **Active**
Overview: SlimStack™ 0.50mm Pitch Board-to-Board Connectors
Description: 0.50mm Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 1.50mm Stack Height, 30 Circuits

Documents:

| | |
|--|---|
| 3D Model | Application Specification 547220000 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-55560-001 (PDF) |
| Product Specification PS-54722-009 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-54722-010 (PDF) | |



General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 55560 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack™ 0.50mm Pitch Board-to-Board Connectors |
| Product Name | SlimStack™ |
| UPC | 800755973396 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 30 |
| Circuits (maximum) | 30 |
| Color - Resin | Black |
| First Mate / Last Break | No |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Mated Height | 1.50mm |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 41.270/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 0.74mm |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.50mm |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|---------------|
| Application Specification | 547220000 |
| Packaging Specification | SPK-55560-001 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[55560 Series](#)

Mates With

[54722 PCB Receptacle](#)

Product Specification

PS-54722-009, PS-54722-010, RPS-54722-018,
RPS-54722-019, RPS-54722-024, RPS-54722-026,
RPS-54722-029, RPS-54722-030, RPS-54722-031,
RPS-54722-034, RPS-55560-001
SD-55560-006, SD-55560-007

Sales Drawing

This document was generated on 09/30/2016

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