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Part Number: [0524651671](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: SlimStack Board-to-Board Connector, 0.80mm Pitch, Rigid Type Receptacle, 4.50 to 7.00mm Mated Height, Vertical, 16 Circuits, without Boss

Documents:

| | |
|--|---|
| Drawing (PDF) | Packaging Specification SPK-52465-002-001 (PDF) |
| 3D Model | Datasheet (PDF) |
| 3D Model (PDF) | Product Guide (PDF) |
| Product Specification PS-52465-010-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-52465-014-001 (PDF) | Reference Guide (PDF) |
| Product Specification PS-52465-015-001 (PDF) | |

General

| | |
|----------------|--|
| Product Family | PCB Receptacles |
| Series | 52465 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name | SlimStack |
| Series Name | 0.8 and above |
| UPC | 822348142958 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Mated Height | 4.50mm, 5.65mm, 6.00mm, 7.00mm |
| Mated Width | 4.70mm, 5.10mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 168.000/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 | 0.80mm |
| Plating min - Mating | 1.016µm |
| Plating min - Termination | 1.016µm |
| Polarized to PCB | No |
| Surface Mount Compatible (SMC) | N/A |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Surface Mount |

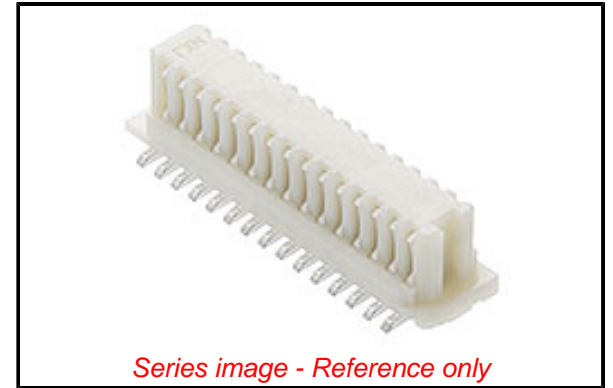
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|-------------------|
| Packaging Specification | SPK-52465-002-001 |
|-------------------------|-------------------|



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not 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

[52465 Series](#)

Mates With

[53364](#) , [53353](#) , [53307](#) , [53309](#)

Product Specification

Sales Drawing

PS-52465-010-001, PS-52465-014-001,
PS-52465-015-001
SD-52465-028-001, SD-52465-029-001

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