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Part Number: [5015912211](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch SlimStack Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical Stacking, 0.90mm Stacking Height, with Solder Tabs, 22 Circuits

Documents:

| | |
|---|--|
| 3D Model | Product Specification PS-501591-003-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-501591-001-001 (PDF) |
| Product Specification PS-501591-002-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

UL E29179

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 501591 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack™ 0.40mm Pitch Board-to-Board Connectors |
| Product Name | SlimStack |
| Series Name | T9 |
| UPC | 822350791977 |

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 22 |
| Circuits (maximum) | 22 |
| Color - Resin | Black |
| Durability (mating cycles max) | 20 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Mated Height | 0.90mm |
| Mated Width | 3.40mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Net Weight | 25.957/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.40mm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -25° to +85°C |
| Termination Interface: Style | Surface Mount |

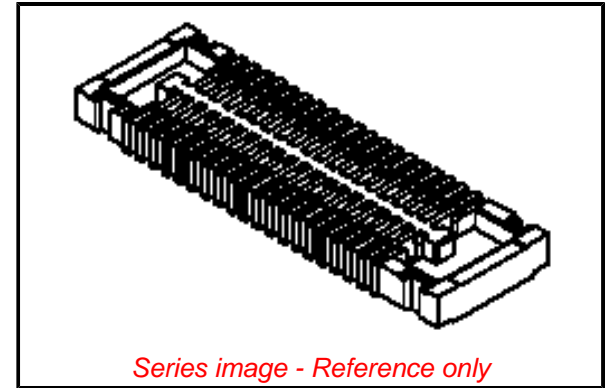
Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.3A |
| Voltage - Maximum | 50V AC (RMS)/DC |

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|--------------------------------------|
| Packaging Specification | SPK-501591-001-001 |
| Product Specification | PS-501591-002-001, PS-501591-003-001 |
| Sales Drawing | SD-501591-005, SD-501591-006 |



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 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

[501591 Series](#)

Mates With

[501594 PCB Header](#)

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