

Part Number : [5015915411](#)

Product Description : SlimStack Board-to-Board Receptacle, 0.40mm Pitch, Surface Mount, Dual Row, Vertical Stacking, 0.90mm Stacking Height, with Solder Tabs, 54 Circuits

Series Number : 501591

Status : Obsolete

Product Category : Board-to-Board Connectors


Documents & Resources

Specifications

[PS-501591-002-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS | per SJ/T 11365-2006  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

| | |
|----------------|--|
| Status | Obsolete |
| Category | Board-to-Board Connectors |
| Series | 501591 |
| Description | SlimStack Board-to-Board Receptacle, 0.40mm Pitch, Surface Mount, Dual Row, Vertical Stacking, 0.90mm Stacking Height, with Solder Tabs, 54 Circuits |
| Application | Board-to-Board, Signal |
| Component Type | PCB Receptacle |
| Product Name | SlimStack |
| UPC | 822350792332 |

Agency

| | |
|----|--------|
| UL | E29179 |
|----|--------|

Electrical

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

Physical

| | |
|--------------------------------|--------|
| Circuits (Loaded) | 54 |
| Circuits (maximum) | 54 |
| 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 | 57.193/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | Yes |
| Pitch - Mating Interface | 0.40mm |
| Pitch - Termination Interface | 0.40mm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Temperature Range - Operating | -25° to +85°C |
| Termination Interface Style | Surface Mount |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|---------------|
| 0.40mm Pitch SlimStack Board-to-Board Vertical Stacking Plugs | <u>501594</u> |

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