



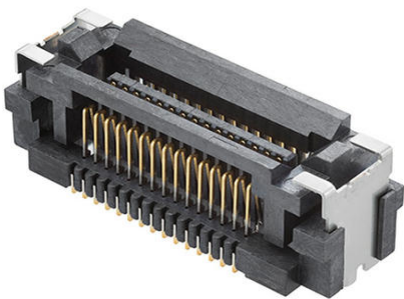
**Part Number :** [2039560302](#)

**Product Description :** SlimStack Board-to-Board Plug, 0.40mm Pitch, FSB5 Floating Series, 5.00mm Mated Height, 3.80 Mated Width, Without Cover Tape, 30 Circuits

**Series Number :** 203956

**Status :** Active

**Product Category :** Board-to-Board Connectors



## Documents and Resources

### Drawings

[2039560302 sd.pdf](#)

### Specifications

[2039550000-002.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 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)7771-DC (04 Feb 2026)                                                          |
| 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

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**Part Details**

**General**

|                |                                                                                                                                           |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                    |
| Category       | Board-to-Board Connectors                                                                                                                 |
| Series         | 0.4, FSB5                                                                                                                                 |
| Description    | SlimStack Board-to-Board Plug, 0.40mm Pitch, FSB5 Floating Series, 5.00mm Mated Height, 3.80 Mated Width, Without Cover Tape, 30 Circuits |
| Application    | Board-to-Board, Signal                                                                                                                    |
| Component Type | Plug                                                                                                                                      |
| Product Name   | SlimStack                                                                                                                                 |
| UPC            | 193264346448                                                                                                                              |

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.3A            |
| Voltage - Maximum             | 40V AC (RMS)/DC |

**Physical**

|                                |        |
|--------------------------------|--------|
| Breakaway                      | No     |
| Circuits (Loaded)              | 30     |
| Circuits (maximum)             | 30     |
| Color - Resin                  | Black  |
| Durability (mating cycles max) | 30     |
| Glow-Wire Capable              | No     |
| Lock to Mating Part            | No     |
| Mated Height                   | 5.00mm |
| Mated Width                    | 3.80mm |

|                                |                              |
|--------------------------------|------------------------------|
| Material - Metal               | Copper Alloy                 |
| Material - Plating Mating      | Gold                         |
| Material - Plating Termination | Gold                         |
| Material - Resin               | Liquid Crystal Polymer (LCP) |
| Net Weight                     | 145.963/mg                   |
| Number of Rows                 | 2                            |
| Orientation                    | Vertical                     |
| Packaging Type                 | Embossed Tape on Reel        |
| PCB Locator                    | No                           |
| Pitch - Mating Interface       | 0.40mm                       |
| Pitch - Termination Interface  | 0.40mm                       |
| Polarized to Mating Part       | No                           |
| Polarized to PCB               | No                           |
| Temperature Range - Operating  | -40° to +125°C               |
| Termination Interface Style    | Surface Mount                |

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## Mates With / Use With

### Mates with Part(s)

| Description                                       | Part Number                   |
|---------------------------------------------------|-------------------------------|
| 0.40mm Pitch SlimStack Board-to-Board Receptacles | <u><a href="#">203955</a></u> |

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