

Part Number : 2039550603

Series Number : 203955

Product Category : Board-to-Board Connectors

Product Description : SlimStack Board-to-Board Receptacle, 0.40mm Pitch, FSB5 Floating Series, 5.00mm Mated Height, 3.80mm Mated Width, 60 Circuits

Status : Active

Documents & Resources

Drawings

Drawing 2039550603_sd.pdf

3D Models and Design Files

2D Drawing DXF 2039550603.dxf

2D Drawing DXF (PDF) 2039550603.pdf

3D Model 2039550603_stp.zip

Specifications

Application Specification 2039550000-003.pdf

Packaging Specification 2039559200-SPK-201.pdf

Product Specification 2039550000-002.pdf

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33; 34 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)8585-DC (23 Jan 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | Board-to-Board Connectors |
| Series | 203955 |
| Description | SlimStack Board-to-Board Receptacle, 0.40mm Pitch, FSB5 Floating Series, 5.00mm Mated Height, 3.80mm Mated Width, 60 Circuits |
| Series Name | 0.4, FSB5 |
| Application | Board-to-Board, Signal |
| Component Type | PCB Receptacle |
| Product Family | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name | SlimStack |
| UPC | 193264229017 |

Electrical

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

Physical

| | |
|--------------------------------|--------|
| Circuits (Loaded) | 60 |
| Circuits (maximum) | 60 |
| 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 |
| Net Weight | 106.281/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | None |
| 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 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|---------------|
| 0.40mm Pitch SlimStack Board-to-Board Plugs | <u>203956</u> |
