molex



**Part Number :** 5046184012
**Product Description :** SlimStack Board-to-Board Receptacle, 0.35mm Pitch, SSB6 Standard Series, 0.60mm Mated Height, 2.00mm Mated Width, 40 Circuits
**Series Number :** 504618
**Status :** Obsolete
**Product Category :** Board-to-Board Connectors

Obsolete

## Documents & Resources

### Specifications

5046180000-A00.pdf

5046189200-202.pdf

5046180000-000.pdf

PS-504622-001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| 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

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## Part Details

### General

| | |
|---|---|
| Status | Obsolete |
| Category | Board-to-Board Connectors |
| Series | 0.35, SSB6 |
| Description | SlimStack Board-to-Board Receptacle, 0.35mm Pitch, SSB6 Standard Series, 0.60mm Mated Height, 2.00mm Mated Width, 40 Circuits |
| Application | Board-to-Board |
| Component Type | PCB Receptacle |
| Product Name | SlimStack |
| UPC | 191128130363 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 0.3A |
| Voltage - Maximum | 50V |

### Physical

| | |
|---|---|
| Circuits (Loaded) | 40 |
| Circuits (maximum) | 40 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Mated Height | 0.60mm |
| Mated Width | 2.00mm |
| Material - Metal | Copper Alloy |

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| | |
|---|---|
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 16.730/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | Yes |
| Pitch - Mating Interface | 0.35mm |
| Pitch - Termination Interface | 0.35mm |
| Plating min - Mating | 0.100µm |
| Plating min - Termination | 0.050µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface Style | Surface Mount |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| 0.35mm Pitch SlimStack Board-to-Board Plugs | 504622 |

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