# molex

**Part Number :** 5052701012

**Product Description :** SlimStack Board-to-Board Receptacle, 0.35mm Pitch, SSB RP Series, 0.70 or 0.80mm Mated Height, 2.00mm Mated Width, 10 Circuits, Armor Nail

**Series Number :** 505270

**Status :** Active

**Product Category :** Board-to-Board Connectors
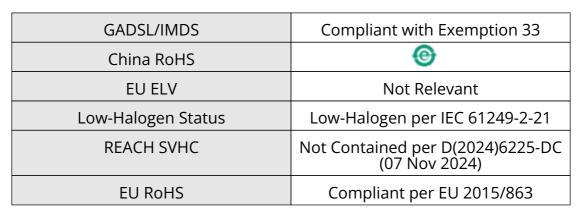
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## Documents & Resources

### Drawings

5052701012_sd.pdf

### 3D Models and Design Files

5052701012.dxf
5052701012.pdf
5052701012_stp.zip

### Specifications

5052700000-A01.pdf
5052709200SPK-200.pdf
5052700001-PS-000.pdf
5052700003-PS-000.pdf

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## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 33 |
| China RoHS | ♻ |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)6225-DC (07 Nov 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

<u>Multiple Part Industry Compliance Documents</u>
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

<u>EU RoHS Certificate of Compliance</u>

## Part Details

### General

| Status | Active |
|---|---|
| Category | Board-to-Board Connectors |
| Series | 505270 |
| Description | SlimStack Board-to-Board Receptacle, 0.35mm Pitch, SSB RP Series, 0.70 or 0.80mm Mated Height, 2.00mm Mated Width, 10 Circuits, Armor Nail |
| Series Name | 0.35, SSB RP |
| Application | Board-to-Board |
| Component Type | PCB Receptacle |
| Product Name | SlimStack |
| UPC | 191128461986 |

### Electrical

| Current - Maximum per Contact | 0.3A, 3.0A |
|---|---|
| Voltage - Maximum | 50V AC (RMS)/DC |

### Physical

| Circuits (Loaded) | 10 |
|---|---|
| Circuits (maximum) | 10 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Mated Height | 0.70mm, 0.80mm |
| Mated Width | 2.00mm |

| | |
|---|---|
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 8.890/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 | 505070 |
| 0.35mm Pitch SlimStack Board-to-Board Plugs | 505274 |

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单击下面可查看定价，库存，交付和生命周期等信息

>>MOLEX