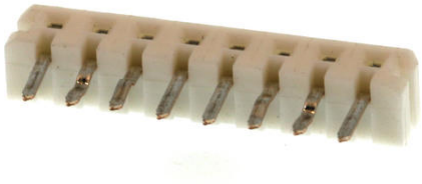
**Part Number :** 524180810
**Product Description :** 2.00mm Pitch SlimStack Board-to-Board Receptacle, Right-Angle, Single Row, Friction Lock, 8 Circuits
**Series Number :** 52418
**Status :** Not Recommended For New Design
**Product Category :** Board-to-Board Connectors



## Documents & Resources

### Drawings

524180810_sd.pdf

### Specifications

524189200-SPK-200.pdf

PS-52418-003-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44; 47; 34 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not 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 | Not Recommended For New Design |
| Category | Board-to-Board Connectors |
| Series | 52418 |
| Description | 2.00mm Pitch SlimStack Board-to-Board Receptacle, Right-Angle, Single Row, Friction Lock, 8 Circuits |
| Application | Board-to-Board, Signal |
| Component Type | PCB Receptacle |
| Product Name | SlimStack |
| UPC | 800753756021 |

### Agency

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

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 1.5A |
| Voltage - Maximum | 125V |

### Physical

| | |
|---|---|
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Mated Height | 3.95mm |

| | |
|---|---|
| Mated Width | 6.00mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Net Weight | 377.300/mg |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Pitch - Mating Interface | 2.00mm |
| Plating min - Mating | 0.914µm |
| Plating min - Termination | 0.914µm |
| Polarized to PCB | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole - Kinked Pin |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| 2.00mm Pitch Vertical SlimStack Plugs | 53290 |