



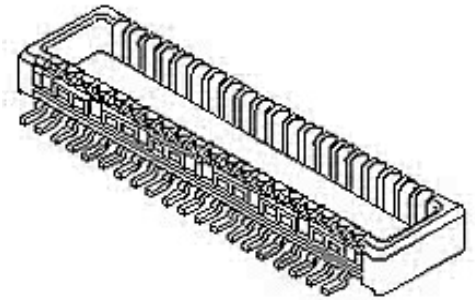
Part Number : [555600227](#)

Product Description : 0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical, 1.50mm Stack Height, 22 Circuits

Series Number : 55560

Status : Active

Product Category : Board-to-Board Connectors



Documents & Resources

Drawings

[555600227_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[555600227.dxf](#)

Specifications


[547220000-A00.pdf](#)

[SPK-55560-001-001.pdf](#)

[PS-54722-010-001.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

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | Board-to-Board Connectors |
| Series | 0.5, BB H1.5 |
| Description | 0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical, 1.50mm Stack Height, 22 Circuits |
| Application | Board-to-Board, Signal |
| Component Type | PCB Header |
| Product Name | SlimStack |
| UPC | 800755973389 |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum | 50V |

Physical

| | |
|-------------------------|----|
| Breakaway | No |
| Circuits (Loaded) | 22 |
| Circuits (maximum) | 22 |
| First Mate / Last Break | No |

| | |
|--------------------------------|-----------------------|
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Mated Height | 1.50mm |
| Mated Width | 6.00mm |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Net Weight | 31.598/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | None |
| PC Tail Length | 0.74mm |
| Pitch - Mating Interface | 0.50mm |
| Plating min - Mating | 0.254µm |
| Plating min - Termination | 0.102µm |
| Shrouded | Fully |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Surface Mount |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|--------------|
| 0.50mm Pitch Vertical SlimStack Receptacles | <u>54722</u> |