

Part Number : [541670308](#)

Product Description : 0.50mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical, 3.00 and 4.00mm Stacking Heights, Lower Circuit Size Version, Black, 30 Circuits

Series Number : 54167

Status : Obsolete

Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

[541670308 sd.pdf](#)

Specifications


[529910000-PS-000.pdf](#)

[PS-52991-003-001.pdf](#)

[PS-52991-008-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| 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 | Obsolete |
| Category | Board-to-Board Connectors |
| Series | 54167 |
| Description | 0.50mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical, 3.00 and 4.00mm Stacking Heights, Lower Circuit Size Version, Black, 30 Circuits |
| Application | Board-to-Board, Signal |
| Component Type | Receptacle |
| Product Name | SlimStack |
| UPC | 800754250351 |

Electrical

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

Physical

| | |
|--------------------------------|----------------|
| Circuits (Loaded) | 30 |
| Circuits (maximum) | 30 |
| Glow-Wire Capable | No |
| Mated Height | 3.00mm, 4.00mm |
| Mated Width | 5.40mm |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |

| | |
|-------------------------------|-----------------------|
| Net Weight | 125.201/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | No |
| PCB Thickness - Recommended | 1.60mm |
| Pitch - Mating Interface | 0.50mm |
| Plating min - Mating | 0.102µm |
| Plating min - Termination | 0.254µm |
| Polarized to PCB | No |
| 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 SlimStack Board-to-Board Vertical Stacking Plugs | <u>501920</u> |
| 0.50mm Pitch Vertical SlimStack Plugs | <u>53748</u> |
| 0.50mm Pitch Vertical SlimStack Plugs | <u>53916</u> |

This document was generated on May 05, 2026