

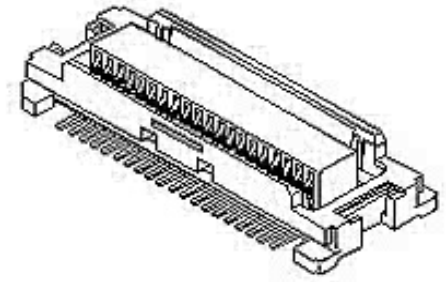
**Part Number :** [541670208](#)

**Product Description :** 0.50mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical, 3.00 and 4.00mm Stacking Heights, Lower Circuit Size Version, Black, 20 Circuits

**Series Number :** 54167

**Status :** Obsolete

**Product Category :** Board-to-Board Connectors



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## Documents and Resources

### Drawings

[541670208 sd.pdf](#)

### Specifications


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

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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)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, 20 Circuits
Application	Board-to-Board, Signal
Component Type	Receptacle
Product Name	SlimStack
UPC	800754250344

### Electrical

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

### Physical

Circuits (Loaded)	20
Circuits (maximum)	20
Glow-Wire Capable	No
Mated Height	3.00mm, 4.00mm
Mated Width	5.40mm
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	92.000/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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
0.50mm Pitch SlimStack Board-to-Board Vertical Stacking Plugs	<a href="#"><u>501920</u></a>
0.50mm Pitch Vertical SlimStack Plugs	<a href="#"><u>53748</u></a>
0.50mm Pitch Vertical SlimStack Plugs	<a href="#"><u>53916</u></a>

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