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Part Number: [0544340608](#)
Status: **Active**
Overview: SlimStack™ 0.50mm Pitch Board-to-Board Connectors
Description: 0.50mm Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 5.60mm Stacking Heights, with Solder Tabs, 60 Circuits

Documents:

[3D Model](#) [Product Specification PS-54434-011 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 54434 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack™ 0.50mm Pitch Board-to-Board Connectors |
| Product Name | SlimStack™ |
| UPC | 822348131006 |

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 60 |
| Circuits (maximum) | 60 |
| Durability (mating cycles max) | 30 |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Mated Height | 5.60mm |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Net Weight | 286.060/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.50mm |
| Plating min - Mating | 0.102µm |
| Plating min - Termination | 0.102µm |
| Polarized to PCB | No |
| Surface Mount Compatible (SMC) | N/A |
| Temperature Range - Operating | -25°C to +85°C |
| Termination Interface: Style | Surface Mount |

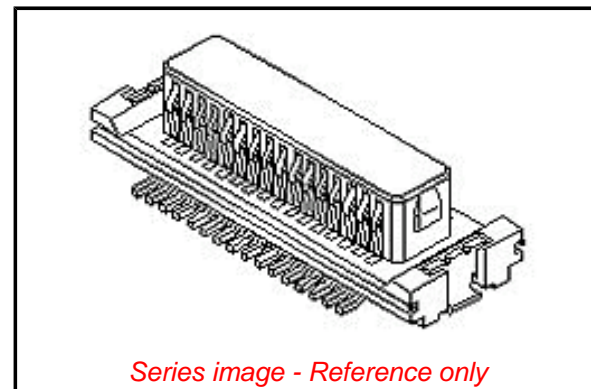
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--|
| Product Specification | PS-54434-011, RPS-54434-012, RPS-54434-013 |
| Sales Drawing | SD-54434-009, SD-54434-010 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

54434 Series

Mates With

55289