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Part Number: **0543630778**
Status: **Active**
Overview: SlimStack™ 0.50mm Pitch Board-to-Board Connectors
Description: 0.50mm Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 2.00 and 3.00mm Stacking Heights, with Solder Tabs, 70 Circuits

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-54363-045-001 (PDF) |
| Drawing (PDF) | Product Specification PS-54363-046-001 (PDF) |
| Product Specification PS-54363-044-001 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 54363 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack™ 0.50mm Pitch Board-to-Board Connectors |
| Product Name | SlimStack™ |
| UPC | 822348104451 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 70 |
| Circuits (maximum) | 70 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Compliant | No |
| Lock to Mating Part | None |
| Mated Height | 2.00mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 244.821/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 |
| Pitch - Termination Interface | 0.50mm |
| Plating min - Mating | 0.254µm |
| 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 |

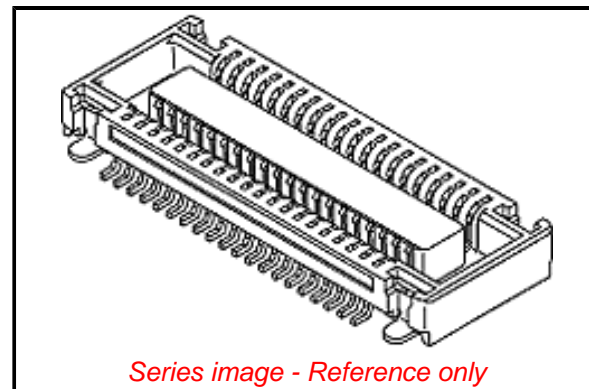
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|---|
| Product Specification | PS-54363-044-001, PS-54363-045-001, PS-54363-046-001 |
| Sales Drawing | SD-54363-038, SD-54363-039 |



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

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 | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[54363 Series](#)

Mates With

[55650 PCB Header](#)

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