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Part Number: [0537480808](#)

Status: **Active**

Overview:

Description: 0.50mm (.020") Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 3.00mm (.118") Stack Height, 80 Circuits, without Vacuum Pick-up Tape

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-52991-003 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|----------------|----------------|
| Product Family | PCB Headers |
| Series | 53748 |
| Application | Board-to-Board |
| Overview | SlimStack™ |
| Product Name | SlimStack™ |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 80 |
| Circuits (maximum) | 80 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | None |
| Mated Height (in) | 0.118 In |
| Mated Height (mm) | 3.00 mm |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface (in) | 0.020 In |
| Pitch - Mating Interface (mm) | 0.50 mm |
| Plating min: Mating (µin) | 4 |
| Plating min: Mating (µm) | 0.1 |
| Polarized to PCB | No |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Surface Mount |

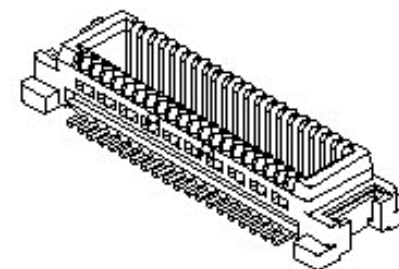
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|---------------|
| Product Specification | PS-52991-003 |
| Product Specification | RPS-52991-010 |
| Product Specification | RPS-52991-013 |
| Product Specification | RPS-52991-019 |
| Sales Drawing | SD-53748-002 |



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Halogen-Free**

Status

Not Reviewed

**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



Search Parts in this Series

53748 Series

Mates With

SlimStack™ Receptacle [52991](#) , [54167](#)

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