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Part Number: **0538850708**
Status: **Active**
Overview: SlimStack™ 0.50mm Pitch Board-to-Board Connectors
Description: 0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical, 2.50mm Stack Height, without Solder Tab, 70 Circuits

Documents:

| | |
|--|---|
| 3D Model | Product Specification PS-54102-011-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-53885-001-001 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-54102-001-001 (PDF) | |

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 53885 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack™ 0.50mm Pitch Board-to-Board Connectors |
| Product Name | SlimStack |
| UPC | 800753493834 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 70 |
| Circuits (maximum) | 70 |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | None |
| Mated Height | 2.50mm |
| Mated Width | 5.30mm |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Net Weight | 120.480/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 0.64mm |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.50mm |
| Plating min - Mating | 0.254µm |
| Plating min - Termination | 0.102µm |
| Polarized to PCB | No |
| Shrouded | Fully |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Surface Mount |

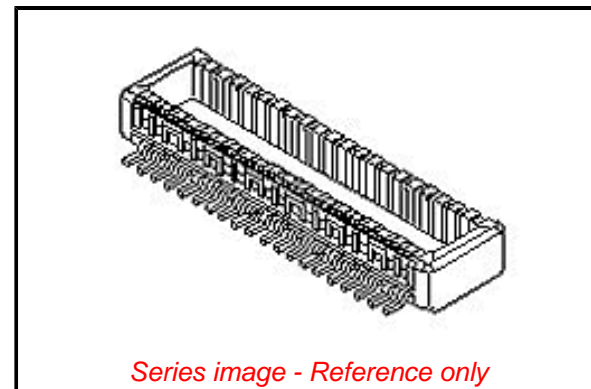
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|-------------------|
| Packaging Specification | SPK-53885-001-001 |
|-------------------------|-------------------|



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[53885 Series](#)

Mates With

[54102 SlimStack Receptacle](#)

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