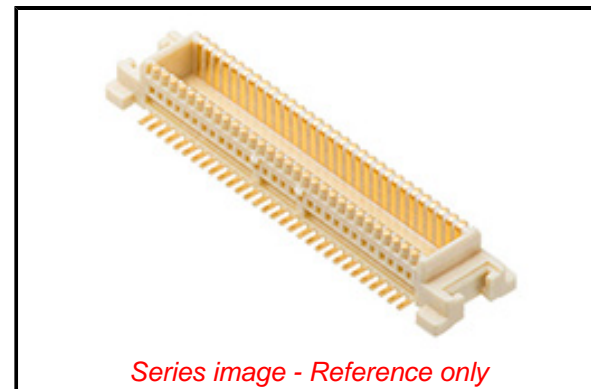


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Part Number: [0537480408](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: 0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical, 3.00mm Stack Height, 40 Circuits, without Vacuum Pick-up Tape

Documents:

| | |
|--------------------------------------------------------------|-----------------------------------------------------------------|
| Drawing (PDF) | Packaging Specification SPK-53748-001-001 (PDF) |
| 3D Model | Datasheet (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-52991-003-001 (PDF) | |



Series image - Reference only

General

| | |
|----------------|--------------------------------------------------|
| Product Family | PCB Headers |
| Series | 53748 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name | SlimStack |
| Series Name | 0.5, BB H3/4 |
| UPC | 800754318525 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 40 |
| Circuits (maximum) | 40 |
| 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 | 3.00mm |
| Mated Width | 5.40mm |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Net Weight | 109.127/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.50mm |
| Plating min - Mating | 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-53748-001-001 |
| Product Specification | PS-52991-003-001 |
| Sales Drawing | SD-53748-002-001, SD-53748-005-001 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)10043-DC (17
Jan 2022)

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

53748 Series

Mates With

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

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