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Part Number: [5042483410](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch SlimStack™ ST8 Board-to-Board Plug, Surface Mount, Dual Row, Vertical, 0.80mm Stacking Height, 34 Circuits

Documents:

| | |
|---|--|
| 3D Model | Product Specification PS-504208-003 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-504248-001 (PDF) |
| Product Specification PS-504208-001 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 504248 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack™ 0.40mm Pitch Board-to-Board Connectors |
| Product Name | SlimStack™ |
| UPC | 887191544472 |

Physical

| | |
|--------------------------------|------------------------|
| Breakaway | No |
| Circuits (Loaded) | 34 |
| Circuits (maximum) | 34 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Compliant | No |
| Mated Height | 0.80mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 8.649/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.40mm |
| Pitch - Termination Interface | 0.40mm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Stackable | No |
| Temperature Range - Operating | -40°C to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 0.3A |
| Voltage - Maximum | 50V |

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|--|
| Packaging Specification | SPK-504248-001 |
| Product Specification | PS-504208-001, PS-504208-003 |
| Sales Drawing | SD-504248-002, SD-504248-004, SD-504248-005, SD-504248-007 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[504248 Series](#)

Mates With

[504208 SlimStack™ ST8 Board-to-Board Receptacle](#)

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