

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0533072671](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: SlimStack Board-to-Board Connector, 0.80mm Pitch, Plug, 4.50 or 5.50mm Mated Height, 26 Circuits, Vertical, without Boss

Documents:

| | |
|--|---|
| 3D Model (PDF) | Packaging Specification SPK-53307-001-001 (PDF) |
| 3D Model | Datasheet (PDF) |
| Drawing (PDF) | Product Guide (PDF) |
| Product Specification PS-52465-015-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-52588-031-001 (PDF) | Reference Guide (PDF) |

General

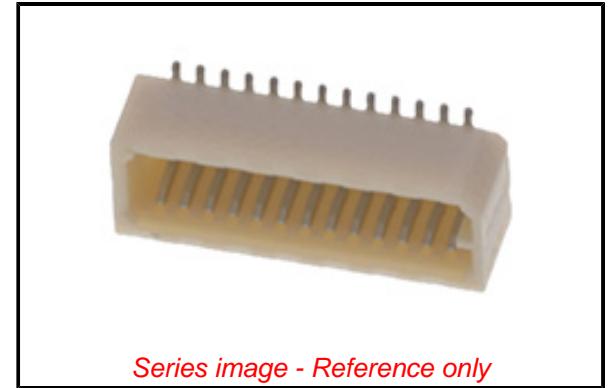
| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 53307 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name | SlimStack |
| Series Name | 0.8 and above |
| Taxonomy | Board-to-Board Connectors |
| UPC | 822348180516 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 26 |
| Circuits (maximum) | 26 |
| Color - Resin | Natural |
| 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 | 4.50mm, 5.50mm |
| Mated Width | 5.10mm, 7.20mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 358.600/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.80mm |
| Pitch - Termination Interface | 0.80mm |
| Plating min - Mating | 3.048µm |
| Plating min - Termination | 3.048µm |
| 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 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not 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

[53307 Series](#)

Mates With

Board-to-Board Receptacle [52465](#) , [52588](#)

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-53307-001-001

PS-52465-015-001, PS-52588-031-001

SD-53307-014-001, SD-53307-015-001

This document was generated on 09/02/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION