

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0525881875**
Status: **Active**
Overview: SlimStack™ 0.35mm pitch Board-to-Board Connectors
Description: SlimStack Board-to-Board Connector, 0.80mm Pitch, Floating Series, Floating Type Receptacle, 5.50 to 8.00mm Mated Height, 18 Circuits, Without Boss

Documents:

| | |
|--|---|
| 3D Model | Packaging Specification SPK-52588-001-001 (PDF) |
| 3D Model (PDF) | Datasheet (PDF) |
| Drawing (PDF) | Product Guide (PDF) |
| Product Specification PS-52588-031-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-52588-032-001 (PDF) | Reference Guide (PDF) |

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 52588 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack™ 0.35mm pitch Board-to-Board Connectors |
| Product Name | SlimStack |
| Series Name | 0.80 Floating |
| UPC | 822348144020 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 18 |
| Circuits (maximum) | 18 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Lock to Mating Part | None |
| Mated Height | 5.50mm, 6.65mm, 7.00mm, 8.00mm |
| Mated Width | 7.20mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 281.000/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.80mm |
| Plating min - Mating | 3.048µm |
| Plating min - Termination | 3.048µm |
| Polarized to PCB | No |
| Surface Mount Compatible (SMC) | N/A |
| Temperature Range - Operating | -20° to +105°C |
| Termination Interface: Style | Surface Mount |

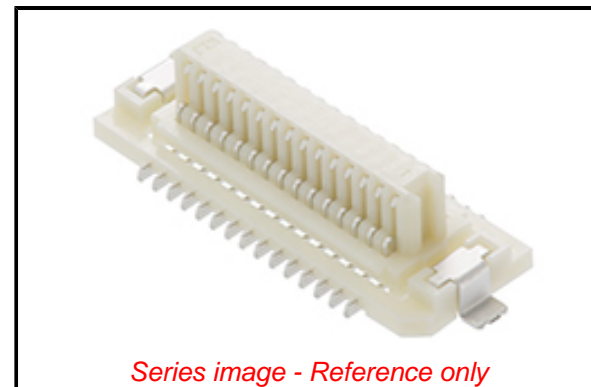
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|-------------------|
| Packaging Specification | SPK-52588-001-001 |
|-------------------------|-------------------|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

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

52588 Series

Mates With

53364 , 53353 , 53307 , 53309

This document was generated on 09/10/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION