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Part Number: [5055513020](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: SlimStack Board-to-Board Plug, 0.40mm Pitch, B8 Series, 0.80mm Mated Height, 2.50mm Mated Width, 30 Circuits

Documents:

| | |
|--|--|
| 3D Model | Datasheet (PDF) |
| Drawing (PDF) | Product Guide (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 5055500000-002 (PDF) | Reference Guide (PDF) |
| Packaging Specification 5055519200-200 (PDF) | |

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 505551 |
| Application | Board-to-Board |
| Overview | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name | SlimStack |
| Series Name | 0.4, B8 |
| Taxonomy | Board-to-Board Connectors |
| UPC | 191128262026 |

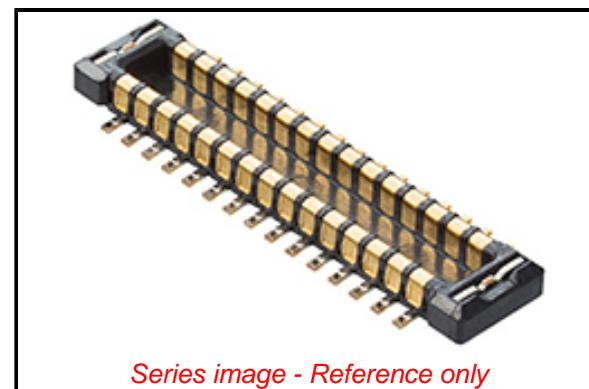
Physical

| | |
|--------------------------------|------------------------|
| Breakaway | No |
| Circuits (Loaded) | 30 |
| Circuits (maximum) | 30 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Mated Height | 0.80mm |
| Mated Width | 2.50mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 13.750/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 |
| Plating min - Mating | 0.100µm |
| Plating min - Termination | 0.050µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.3A |
| Voltage - Maximum | 50V AC (RMS)/DC |

Material Info



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

[505551](#) Series

Mates With

SlimStack B8 Receptacle [505550](#)

Reference - Drawing Numbers

Packaging Specification

5055519200-200

Product Specification

5055500000-002

Sales Drawing

5055510000-001, 5055511000-002

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