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Part Number: **5031085010**
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch SlimStack™ Board-to-Board, Plug, Surface Mount, Dual Row, Vertical Stacking, 1.50mm Stacking Height, without Solder Tabs, 50 Circuits

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-503105-001-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-503108-001-001 (PDF) |
| Product Specification PS-503105-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 503108 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack™ 0.40mm Pitch Board-to-Board Connectors |
| Product Name | SlimStack™ |
| UPC | 883906169718 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 50 |
| Circuits (maximum) | 50 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Compliant | No |
| Mated Height | 1.50mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Net Weight | 34.101/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.40mm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Stackable | No |
| Temperature Range - Operating | -30°C to +75°C |
| Termination Interface: Style | Surface Mount |

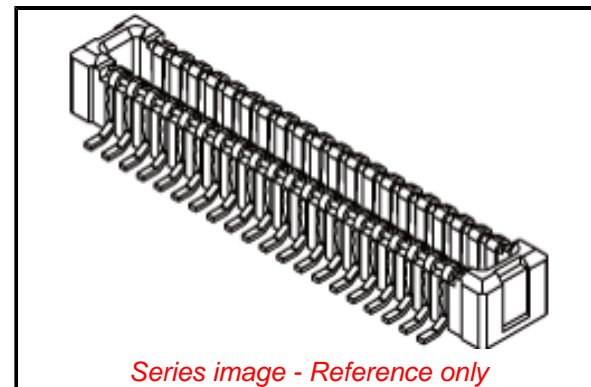
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|------------------------------|
| Application Specification | AS-503105-001-001 |
| Packaging Specification | SPK-503108-001-001 |
| Product Specification | PS-503105-001-001 |
| Sales Drawing | SD-503108-001, SD-503108-002 |



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

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 | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

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Mates With

[503105](#) PCB Receptacle

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