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Part Number: [5050661610](#)
Status: **Active**
Overview: SlimStack™ 0.35mm pitch Board-to-Board Connectors
Description: 0.35mm Pitch SlimStack Armor™ Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 0.60mm Stacking Height, 2.00mm Width, 16 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-505066-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 505066 |
| Application | Board-to-Board |
| Overview | SlimStack™ 0.35mm pitch Board-to-Board Connectors |
| Product Name | SlimStack Armor™ |
| UPC | 887191916958 |

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Compliant | No |
| Mated Height | 0.60mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Net Weight | 9.340/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.35mm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Stackable | Yes |
| Temperature Range - Operating | -40°C to +85°C |
| Termination Interface: Style | Surface Mount |

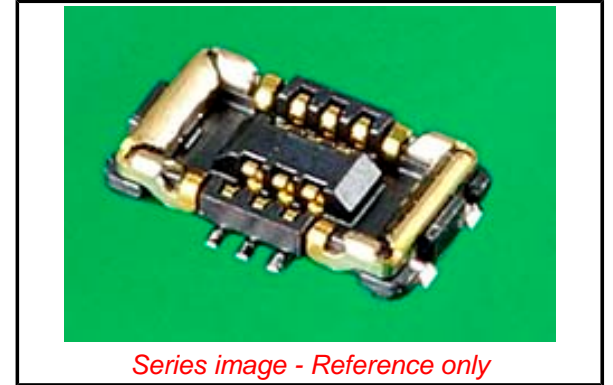
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|------------------------------|
| Packaging Specification | SPK-505066-001 |
| Sales Drawing | SD-505066-001, SD-505066-002 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

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

[505066](#) Series

Mates With

[505070](#) 0.35mm Pitch SlimStack Armor™ Board-to-Board Plug Connector