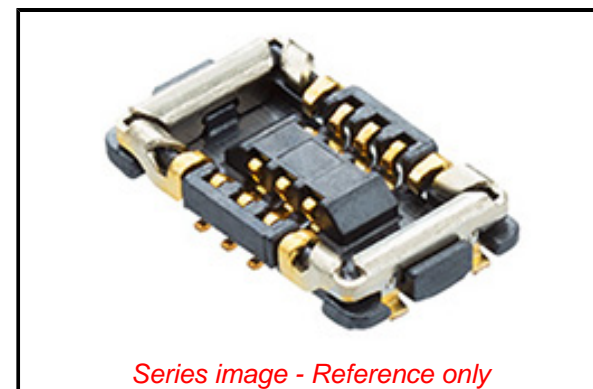


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Part Number: **5050661020**
Status: **Active**
Overview: SlimStack™ 0.35mm pitch Board-to-Board Connectors
Description: 0.35mm Pitch SlimStack Armor Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 0.60mm Stacking Height, 2.00mm Width, 10 Circuits

Documents:

| | |
|--|--|
| 3D Model | Product Specification 5050660000-A01 (PDF) |
| Drawing (PDF) | Packaging Specification 5050669200-202 (PDF) |
| Product Specification 5050660000-001 (PDF) | Packaging Specification SPK-505066-002-001 (PDF) |
| Product Specification 5050660000-003 (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 |
| Series Name | SSB6RP |
| UPC | 889056290814 |

Physical

| | |
|--------------------------------|------------------------|
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Mated Height | 0.60mm |
| Mated Width | 2.00mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold over Nickel |
| Material - Plating Termination | Gold over Nickel |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 7.629/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.35mm |
| Plating min - Mating | 0.102µm |
| Plating min - Termination | 0.051µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Stackable | Yes |
| 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

Reference - Drawing Numbers

| | |
|-------------------------|--|
| Packaging Specification | 5050669200-202, SPK-505066-002-001 |
| Product Specification | 5050660000-001, 5050660000-003, 5050660000-A01 |
| Sales Drawing | 5050660000-001, 5050661000-001 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

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[505066](#) Series

Mates With

SlimStack Armor Plug Connector [505070](#)

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