

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5050661622](#)
Status: **Active**
Overview: SlimStack Board-to-Board Connectors
Description: SlimStack Board-to-Board Receptacle, 0.35mm Pitch, SSB RP Series, 0.60mm Mated Height, 2.00mm Mated Width, 16 Circuits, Armor Nail

Documents:

| | |
|----------------------------------------------------------------|--------------------------------------------------------------|
| 3D Model | Packaging Specification 5050669200-203 (PDF) |
| 3D Model (PDF) | Datasheet (PDF) |
| Drawing (PDF) | Product Guide (PDF) |
| Product Specification 5050660000-014 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 5050660000-015 (PDF) | Reference Guide (PDF) |
| Application Specification 5050660000-A06 (PDF) | |

General

| | |
|----------------|-----------------------------------------------------|
| Product Family | PCB Receptacles |
| Series | 505066 |
| Application | Board-to-Board |
| Overview | SlimStack Board-to-Board Connectors |
| Product Name | SlimStack |
| Series Name | SSB RP |
| UPC | 191128261173 |

Physical

| | |
|--------------------------------|------------------------|
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| 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 |
| Material - Plating Termination | Gold |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 9.364/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.35mm |
| Pitch - Termination Interface | 0.35mm |
| 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 |

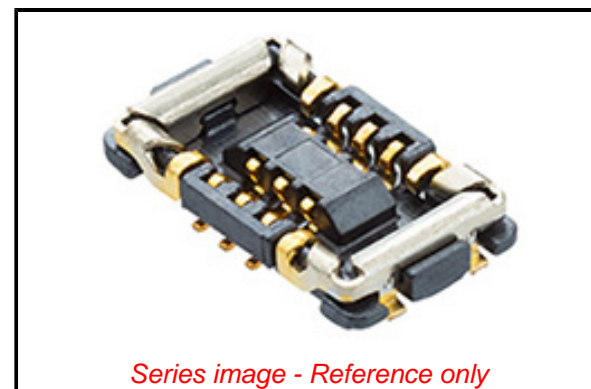
Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.3A, 3.0A |
| Voltage - Maximum | 50V AC (RMS)/DC |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|----------------|
| Application Specification | 5050660000-A06 |
|---------------------------|----------------|



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

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

[505066](#) Series

Mates With

SlimStack SSB RP Plug [505070](#)

Packaging Specification
Product Specification
Sales Drawing

5050669200-203
5050660000-014, 5050660000-015
5050660000-008, 5050661000-016

This document was generated on 09/15/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION