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**Part Number:** [5050704222](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board Connectors  
**Description:** SlimStack Board-to-Board Plug, 0.35mm Pitch, SSB RP Series, 0.60 or 0.70mm Mated Height, 2.00mm Mated Width, 42 Circuits, Armor Nail, 0.15mm Fitting Nail Width

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 5050709200-203 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Guide (PDF)</a>
<a href="#">Product Specification 5050660000-014 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 5050660000-A06 (PDF)</a>	<a href="#">Reference Guide (PDF)</a>

**General**

Product Family	PCB Headers
Series	<a href="#">505070</a>
Application	Board-to-Board
Overview	<a href="#">SlimStack Board-to-Board Connectors</a>
Product Name	SlimStack
Series Name	SSB RP
UPC	191128261807

**Physical**

Breakaway	No
Circuits (Loaded)	42
Circuits (maximum)	42
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	0.60mm, 0.70mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	10.042/mg
Number of Rows	2
Orientation	Vertical
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.35mm
Pitch - Termination Interface	0.35mm
Plating min - Mating	0.102µm
Plating min - Termination	0.051µm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount

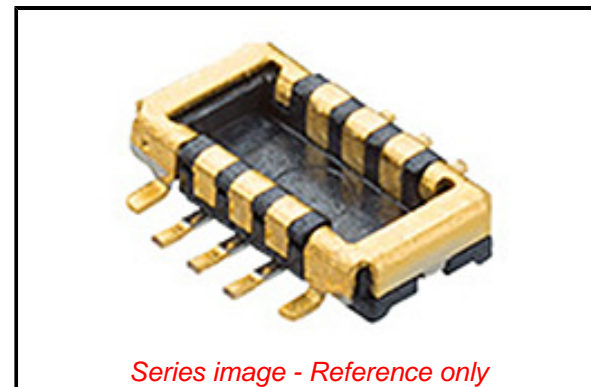
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	5050660000-A06
Packaging Specification	5050709200-203



**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**

[505070 Series](#)

**Mates With**

SlimStack SSB RP Receptacle [505066](#)

This document was generated on 07/29/2020

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