

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5052700612](#)  
**Status:** **Active**  
**Overview:** [SlimStack Board-to-Board/Board-to-FPC Connectors](#)  
**Description:** SlimStack Board-to-Board Receptacle, 0.35mm Pitch, SSB RP Series, 0.70 or 0.80mm Mated Height, 2.00mm Mated Width, 6 Circuits, Armor Nail

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 5052709200SPK-200 (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 5052700001-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 5052700003-PS-000 (PDF)</a>	<a href="#">Reference Guide (PDF)</a>
<a href="#">Application Specification 5052700000-A01 (PDF)</a>	

**General**

Product Family	PCB Receptacles
Series	<a href="#">505270</a>
Application	Board-to-Board
Overview	<a href="#">SlimStack Board-to-Board/Board-to-FPC Connectors</a>
Product Name	SlimStack
Series Name	0.35, SSB RP
UPC	191128461979

**Physical**

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	0.70mm, 0.80mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	7.520/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	5052700000-A01
---------------------------	----------------



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[505270 Series](#)

**Mates With**

SlimStack SSB RP Plug [505070](#) , [505274](#)

Packaging Specification  
Product Specification  
Sales Drawing

5052709200SPK-200  
5052700001-PS-000, 5052700003-PS-000  
5052700001-SD-000, 5052701001-SD-000

This document was generated on 10/05/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[505270-0612](#)