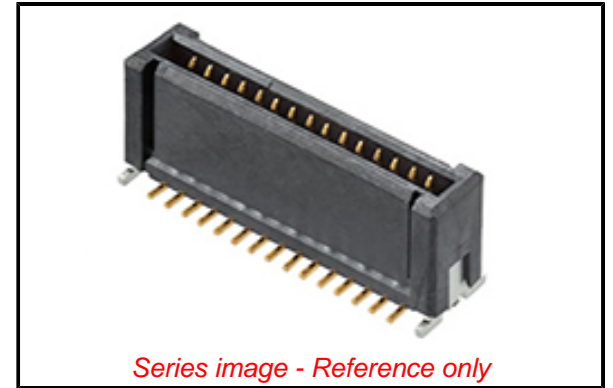


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2039550503](#)  
**Status:** **Active**  
**Overview:** [SlimStack Board-to-Board Connectors](#)  
**Description:** SlimStack Board-to-Board Receptacle, 0.40mm Pitch, FSB5 Floating Series, 5.00mm Mated Height, 3.80mm Mated Width, 50 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2039550000-003 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2039559200-SPK-201 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2039550000-002 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	PCB Receptacles
Series	<a href="#">203955</a>
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack Board-to-Board Connectors</a>
Product Name	SlimStack
Series Name	FSB5
UPC	193264227303

**Physical**

Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	No
Mated Height	5.00mm
Mated Width	3.80mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	89.741/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +125°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	0.3A
Voltage - Maximum	40V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2039550000-003
Packaging Specification	2039559200-SPK-201
Product Specification	2039550000-002
Sales Drawing	2039550000-002, 2039551000-SD-000

**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**

[203955 Series](#)

**Mates With**

SlimStack Board-to-Board Plug [203956](#)

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