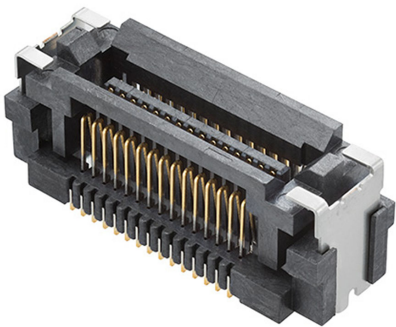




**Part Number :** [2039560303](#)  
**Product Description :** SlimStack Board-to-Board Plug, 0.40mm Pitch, FSB5 Floating Series, 5.00mm Mated Height, 3.80 Mated Width, 30 Circuits  
**Series Number :** 203956  
**Status :** Active  
**Product Category :** Board-to-Board Connectors



## Documents & Resources


**Drawings**  
[2039560303\\_sd.pdf](#)

**3D Models and Design Files**  
[2039560303.dxf](#)  
[2039560303.pdf](#)  
[2039560303\\_stp.zip](#)

**Specifications**  
[2039550000-003.pdf](#)  
[2039569200-SPK-201.pdf](#)  
[2039550000-002.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC

- Low-Halogen

#### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Board-to-Board Connectors
Series	203956
Description	SlimStack Board-to-Board Plug, 0.40mm Pitch, FSB5 Floating Series, 5.00mm Mated Height, 3.80 Mated Width, 30 Circuits
Series Name	0.4, FSB5
Application	Board-to-Board, Signal
Component Type	PCB Header
Product Name	SlimStack
UPC	193264229031

### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	None

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	145.963/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
0.40mm Pitch SlimStack Board-to-Board Receptacles	<u>203955</u>

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This document was generated on Apr 22, 2025