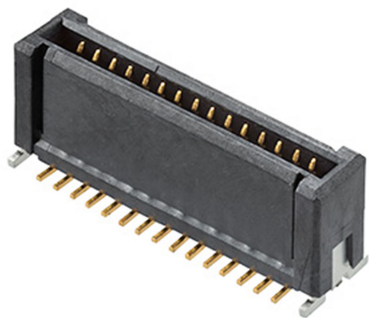




Part Number : [2039550503](#)
Product Description : SlimStack Board-to-Board Receptacle, 0.40mm Pitch, FSB5 Floating Series, 5.00mm Mated Height, 3.80mm Mated Width, 50 Circuits
Series Number : 203955
Status : Active
Product Category : Board-to-Board Connectors



Documents & Resources

Drawings
[2039550503_sd.pdf](#)

3D Models and Design Files
[2039550503.dxf](#)
[2039550503.pdf](#)
[2039550503_stp.zip](#)

Specifications
[2039550000-003.pdf](#)
[2039559200-SPK-201.pdf](#)
[2039550000-002.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	203955
Description	SlimStack Board-to-Board Receptacle, 0.40mm Pitch, FSB5 Floating Series, 5.00mm Mated Height, 3.80mm Mated Width, 50 Circuits
Series Name	0.4, FSB5
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	SlimStack
UPC	193264227303

Electrical

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

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
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	None
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
0.40mm Pitch SlimStack Board-to-Board Plugs	<u>203956</u>