Part Number : 2039550203
Product Description : SlimStack Board-to-Board Receptacle, 0.40mm Pitch, FSB5 Floating Series, 5.00mm Mated Height, 3.80mm Mated Width, With Cover Tape, 20 Circuits
Series Number : 203955
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

2039550203_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

2039550203.dxf

Specifications

2039550000-003.pdf

2039559200-SPK-201.pdf

2039550000-002.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	0.4, FSB5
Description	SlimStack Board-to-Board Receptacle, 0.40mm Pitch, FSB5 Floating Series, 5.00mm Mated Height, 3.80mm Mated Width, With Cover Tape, 20 Circuits
Application	Board-to-Board, Signal
Component Type	Receptacle
Product Name	SlimStack
UPC	193264227273

Electrical

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

Physical

Circuits (Loaded)	20
Circuits (maximum)	20

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 (LCP)
Net Weight	40.121/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	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

Mates With / Use With

Mates with Part(s)

Description	Part Number
0.40mm Pitch SlimStack Board-to-Board Plugs	203956