



Part Number : [2091680801](#)
Product Description : SlimStack Board-to-Board Connector, 0.635mm Pitch, Floating Series, Floating Type Receptacle, 12.00mm to 16.00mm Mated Height, 80 Circuits
Series Number : 209168
Status : Active
Product Category : Board-to-Board Connectors

Documents and Resources

Drawings

[2091680801 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[2091689200-SPK-200.pdf](#)

[2091680000-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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	0.635, Floating
Description	SlimStack Board-to-Board Connector, 0.635mm Pitch, Floating Series, Floating Type Receptacle, 12.00mm to 16.00mm Mated Height, 80 Circuits
Application	Board-to-Board
Component Type	Receptacle
Product Name	SlimStack
UPC	193264460052

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	100V

Physical

Circuits (Loaded)	80
Circuits (maximum)	80

Color - Resin	Black
Durability (mating cycles max)	50
Glow-Wire Capable	No
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	2816.600/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	No
Pitch - Mating Interface	0.635mm
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
0.635mm Pitch Vertical SlimStack Plugs	<u>53625</u>
0.635mm Pitch Vertical SlimStack Plugs	<u>53627</u>
0.635mm Pitch Vertical SlimStack Plugs	<u>53647</u>
0.635mm Pitch Vertical SlimStack Plugs	<u>53649</u>
0.635mm Vertical SlimStack Plugs	<u>55091</u>

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