



Part Number : [5009130602](#)
Product Description : SlimStack Board-to-Board Receptacle, 0.40mm Pitch, J-Bend Series, 1.80 or 2.30mm Mated Height, 4.20mm Mated Width, 60 Circuits
Series Number : 500913
Status : Active
Product Category : Board-to-Board Connectors



Documents & Resources


Drawings
[5009130602_sd.pdf](#)

3D Models and Design Files
[5009130602_stp.zip](#)

Specifications
[SPK-500913-001-001.pdf](#)
[PS-500913-001-001.pdf](#)
[PS-500913-002-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	500913
Description	SlimStack Board-to-Board Receptacle, 0.40mm Pitch, J-Bend Series, 1.80 or 2.30mm Mated Height, 4.20mm Mated Width, 60 Circuits
Series Name	0.4, J-Bend
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	SlimStack
UPC	822348859481

Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	50V AC (RMS)/DC

Physical

Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	1.80mm, 2.30mm
Mated Width	4.20mm
Material - Metal	Phosphor Bronze

Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	132.801/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
Plating min - Mating	0.254µm
Plating min - Termination	0.051µm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°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>501745</u>
0.40mm Pitch Vertical SlimStack Plugs	<u>55909</u>

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