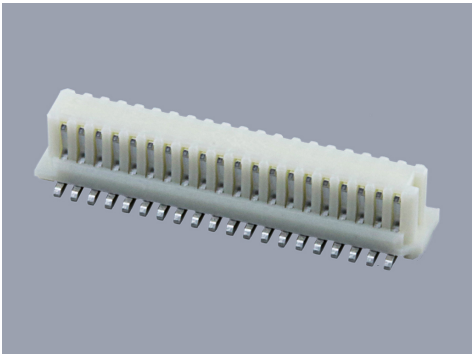




**Part Number :** [524654071](#)  
**Product Description :** SlimStack Board-to-Board Connector, 0.80mm Pitch, Rigid Type Receptacle, 4.50 or 5.65mm Mated Height, Vertical, 40 Circuits, without Boss  
**Series Number :** 52465  
**Status :** Active  
**Product Category :** Board-to-Board Connectors



## Documents & Resources

**Drawings**  
[524654071\\_sd.pdf](#)

**3D Models and Design Files**  
[524654071\\_stp.zip](#)

**Specifications**  
[SPK-52465-002-001.pdf](#)  
[PS-52465-010-001.pdf](#)  
[PS-52465-014-001.pdf](#)  
[PS-52465-015-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not 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	52465
Description	SlimStack Board-to-Board Connector, 0.80mm Pitch, Rigid Type Receptacle, 4.50 or 5.65mm Mated Height, Vertical, 40 Circuits, without Boss
Series Name	0.8 and above
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	SlimStack
UPC	822348143078

#### Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

#### Physical

Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	None
Mated Height	4.50mm, 5.65mm

Mated Width	4.70mm, 5.10mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	409.081/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	0.80mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
0.80mm Pitch Vertical SlimStack Plugs	<u>53307</u>
0.80mm Pitch Right-Angle SlimStack Plugs	<u>53309</u>

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This document was generated on Mar 22, 2025