



**Part Number :** 524652271

**Product Description :** SlimStack Board-to-Board Connector, 0.80mm Pitch, Rigid Type Receptacle, 4.50 or 5.65mm Mated Height, Vertical, 22 Circuits, without Boss



**Series Number :** 52465

**Status :** Active

**Product Category :** Board-to-Board Connectors

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## Documents & Resources

### Drawings

524652271\_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

SPK-52465-002-001.pdf

PS-52465-010-001.pdf

PS-52465-014-001.pdf

PS-52465-015-001.pdf

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)

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

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## Part Details

### General

Status	Active
Category	Board-to-Board Connectors
Series	0.8 and above
Description	SlimStack Board-to-Board Connector, 0.80mm Pitch, Rigid Type Receptacle, 4.50 or 5.65mm Mated Height, Vertical, 22 Circuits, without Boss
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	SlimStack
UPC	822348142989

### Electrical

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

### Physical

Circuits (Loaded)	22
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Circuits (maximum)	22
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	227.100/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

## 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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