



Part Number : 547220224

Product Description : 0.50mm Pitch SlimStack  
Receptacle, Surface Mount, Dual Row,  
Vertical, 1.50mm Stacking Height, Lower  
Circuit Size Version, 22 Circuits, Gold Plating  
with Nickel Barrier Plating Between Contact  
and Tail

Series Number : 54722

Status : Active

Product Category : Board-to-Board  
Connectors

Documents & Resources

Drawings

Drawing 547220224\_sd.pdf  
Packaging Design Drawing SPK-54722-001-002.pdf

3D Models and Design Files


2D Drawing DXF 547220224.dxf  
2D Drawing DXF (PDF) 547220224.pdf  
3D Model 547220224\_stp.zip

Specifications

Application Specification 547220000-A00.pdf  
Product Specification PS-54722-010-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
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	54722
Description	0.50mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical, 1.50mm Stacking Height, Lower Circuit Size Version, 22 Circuits, Gold Plating with Nickel Barrier Plating Between Contact and Tail
Series Name	0.5, BB H1.5
Application	Board-to-Board, Signal
Comments	Embossed Tape Reel Height: 380.00mm; Gold plating with Nickel plating between contact and tail
Component Type	PCB Receptacle
Product Family	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
UPC	756054574331

#### Agency

UL	E29179
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#### Electrical

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

#### Physical

Circuits (Loaded)	22
Circuits (maximum)	22
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	None
Mated Height	1.50mm
Mated Width	6.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	75.481/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	0.50mm
Plating min - Mating	0.254µm
Plating min - Termination	0.051µm
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
0.50mm Pitch Vertical SlimStack Plugs	<u>55560</u>