



Part Number : 536270874

Series Number : 53627

Product Category : Board-to-Board Connectors

Product Description : SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Plug, 10.00 or 16.00mm Mated Height, 6.40mm Mated Width, 80 Circuits

Status : Active

### Documents & Resources

#### Drawings

Drawing 536270874\_sd.pdf

#### 3D Models and Design Files

3D Model 536270874\_stp.zip


#### Specifications

Packaging Specification SPK-53627-001-001.pdf

Product Specification 527600000-000.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(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	53627
Description	SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Plug, 10.00 or 16.00mm Mated Height, 6.40mm Mated Width, 80 Circuits
Series Name	0.635, Floating, Rigid
Application	Board-to-Board, Signal
Comments	Stacking-Type
Component Type	PCB Header
Product Family	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
UPC	822348165551

#### Agency

UL	E29179
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#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Brown
Durability (mating cycles max)	50

First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	10.00mm, 16.00mm
Mated Width	6.40mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	1343.641/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	0.635mm
Polarized to PCB	Yes
Robotic Placement	Metal Cap
Shrouded	Fully
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Surface Mount

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
0.635mm Pitch Vertical SlimStack Receptacles	<u>52885</u>
0.635mm Pitch Vertical SlimStack Receptacles	<u>52901</u>