



Part Number : 1714505106

Series Number : 171450

Product Category : PCB Headers and Receptacles

Product Description : SpeedStack Vertical Receptacle, 0.80mm Pitch, 4.10mm Height, 60 Circuits, UL94V-0, Black

Status : Active

## Documents & Resources

### Drawings

- Drawing 1714505106\_sd.pdf
- Packaging Design Drawing PK-70873-6002-001.pdf

### 3D Models and Design Files


- Electrical Model Document 1714500038-000.pdf
- Electrical Model Document 1714500043-000.pdf
- Electrical Model Document 1714500044-000.pdf
- S-Parameter Model 1714500038-000.zip
- S-Parameter Model 1714500043-000.zip
- S-Parameter Model 1714500044-000.zip

### Specifications

- Application Specification 1714500001-000.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)4144-DC (27 June 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	PCB Headers and Receptacles
Series	171450
Description	SpeedStack Vertical Receptacle, 0.80mm Pitch, 4.10mm Height, 60 Circuits, UL94V-0, Black
Application	Board-to-Board
Component Type	PCB Receptacle
Product Family	SpeedMezz Connector Family
Product Name	SpeedStack
UPC	191128077217

#### Electrical

Current - Maximum per Contact	0.8A
Voltage - Maximum	29.9V AC (RMS)/DC

#### Physical

Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Black
Durability (mating cycles max)	25
Glow-Wire Capable	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer

Net Weight	0.748/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	0.762µm
Polarized to PCB	Yes
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
SpeedStack Vertical Plugs	<u>171446</u>
SpeedStack Single-Ended Vertical Plugs	<u>171810</u>