



Part Number : [1714461115](#)

Series Number : 171446

Product Category : PCB Headers and Receptacles

Product Description : SpeedStack Vertical Plug, 0.80mm Pitch, 2.90mm Height, 60 Circuits, UL94V-0, Black

Status : Active

Documents & Resources

Drawings

[Drawing 1714461115_sd.pdf](#)

[Packaging Design Drawing PK-70873-6003-001.pdf](#)

3D Models and Design Files


[3D Model 1714461115_stp.zip](#)

[Electrical Model Document 1714500043-000.pdf](#)

[S-Parameter Model 1714500043-000.zip](#)

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(2023)3788-DC (14 Jun 2023) |
| 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

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 171446 |
| Description | SpeedStack Vertical Plug, 0.80mm Pitch, 2.90mm Height, 60 Circuits, UL94V-0, Black |
| Application | Board-to-Board |
| Component Type | PCB Header |
| Product Family | SpeedMezz Connector Family |
| Product Name | SpeedStack |
| UPC | 889056432764 |

Electrical

| | |
|-------------------------------|----------------|
| Current - Maximum per Contact | 0.8A |
| Voltage - Maximum | 5V AC (RMS)/DC |

Physical

| | |
|--------------------------------|------------------------|
| Breakaway | No |
| Circuits (Loaded) | 60 |
| Circuits (maximum) | 60 |
| Color - Resin | Black |
| Durability (mating cycles max) | 20 |
| Glow-Wire Capable | No |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 0.638/g |
| Number of Rows | 2 |
| Orientation | Vertical |

| | |
|-------------------------------|-----------------------|
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.80mm |
| Pitch - Termination Interface | 0.80mm |
| Plating min - Mating | 0.762μm |
| Plating min - Termination | 0.762μm |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Surface Mount |

Mates With / Use With

Mates with Part(s)

| | |
|---------------------------------|---------------|
| Description | Part Number |
| SpeedStack Vertical Receptacles | <u>171450</u> |