



**Part Number :** [1714461115](#)

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

**Series Number :** 171446

**Status :** Active

**Product Category :** PCB Headers and Receptacles

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## 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](#)

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## 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

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**Mates With / Use With**

**Mates with Part(s)**

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