



Part Number : 1714461109

Series Number : 171446

Product Category : PCB Headers and Receptacles

Product Description : SpeedStack Vertical Plug, 0.80mm Pitch, 0.90mm Height, 60 Circuits, UL94V-0, Black

Status : Active

Documents & Resources

Drawings

Drawing 1714461109_sd.pdf

Packaging Design Drawing PK-70873-6003-001.pdf

3D Models and Design Files

3D Model 1714461109_stp.zip

Electrical Model Document 1714500025-000.pdf

Electrical Model Document 1714500030-000.pdf

S-Parameter Model 1714500025-000.zip

S-Parameter Model 1714500030-000.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(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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	171446
Description	SpeedStack Vertical Plug, 0.80mm Pitch, 0.90mm Height, 60 Circuits, UL94V-0, Black
Application	Board-to-Board
Component Type	PCB Header
Product Family	SpeedMezz Connector Family
Product Name	SpeedStack
UPC	889056432733

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	0.314/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>