



Part Number : [1714505114](#)
Product Description : SpeedStack Vertical Receptacle, 0.80mm Pitch, 4.10mm Height, 82 Circuits, UL94V-0, Black
Series Number : 171450
Status : Active
Product Category : Board-to-Board Connectors



Documents & Resources

Drawings
[1714505114_sd.pdf](#)
[PK-70873-6002-001.pdf](#)

3D Models and Design Files
[1714500038-000.pdf](#)
[1714500043-000.pdf](#)
[1714500044-000.pdf](#)
[1714500038-000.zip](#)
[1714500043-000.zip](#)
[1714500044-000.zip](#)

Specifications
[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)7663-DC (21 Jan 2025)
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	Board-to-Board Connectors
Series	171450
Description	SpeedStack Vertical Receptacle, 0.80mm Pitch, 4.10mm Height, 82 Circuits, UL94V-0, Black
Application	Mezzanine, Board-to-Board
Component Type	PCB Receptacle
Product Name	SpeedStack
UPC	191128233927

Electrical

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

Physical

Circuits (Loaded)	82
Circuits (maximum)	82
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	1.069/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

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>

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