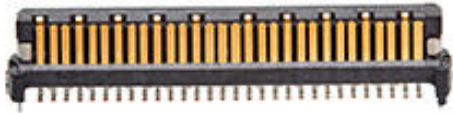




Part Number : [1718101115](#)
Product Description : SpeedStack Single-Ended
Vertical Plug, 0.80mm Pitch, 2.90mm Height, 60
Circuits, UL94V-0, Black
Series Number : 171810
Status : Active
Product Category : Board-to-Board Connectors



Documents & Resources

Drawings

[1718101115_sd.pdf](#)
[PK-70873-6003-001.pdf](#)


3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

[1714500035-000.pdf](#)
[1714500044-000.pdf](#)
[1714500035-000.zip](#)
[1714500044-000.zip](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	171810
Description	SpeedStack Single-Ended Vertical Plug, 0.80mm Pitch, 2.90mm Height, 60 Circuits, UL94V-0, Black
Application	Mezzanine, Board-to-Board
Component Type	PCB Header
Product Name	SpeedStack
UPC	889056420112

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	0.618/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>