

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1714461109](#)  
**Status:** **Active**  
**Overview:** SpeedMezz Connector Family  
**Description:** SpeedStack Vertical Plug, 0.80mm Pitch, 0.90mm Height, 60 Circuits, UL94V-0, Black

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-6003 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[3D Model \(PDF\)](#)

**General**

Product Family PCB Headers  
Series [171446](#)  
Application Board-to-Board  
Overview [SpeedMezz Connector Family](#)  
Product Name SpeedStack  
UPC 889056432733

**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  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -40° to +105°C  
Termination Interface: Style Surface Mount

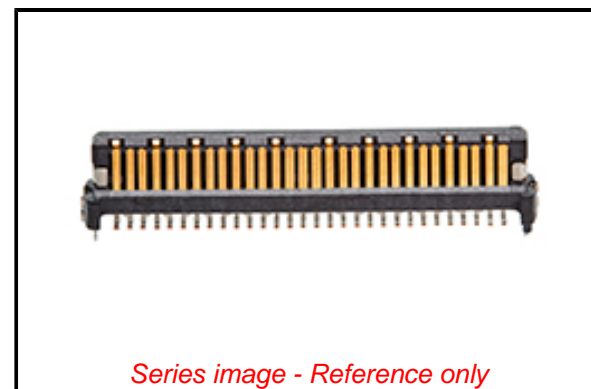
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Electrical Model Document 1714500025-000, 1714500030-000  
Packaging Specification PK-70873-6003  
Sales Drawing SD-171446-1000-001  
Signal Integrity Report 1714500025-000, 1714500030-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[171446 Series](#)

**Mates With**

SpeedStack Vertical Receptacle [171450](#)