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**Part Number:** [1718101115](#)  
**Status:** **Active**  
**Overview:** SpeedMezz Connector Family  
**Description:** SpeedStack Single-Ended Vertical Plug, 0.80mm Pitch, 2.90mm Height, 60 Circuits, UL94V-0, Black

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-6003-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	171810
Application	Board-to-Board
Overview	SpeedMezz Connector Family
Product Name	SpeedStack
UPC	889056420112

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

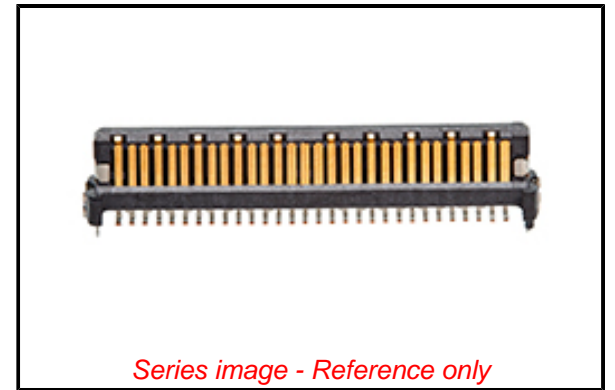
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Electrical Model Document	1714500035-000, 1714500044-000
Packaging Specification	PK-70873-6003-001
S-Parameter Model	1714500035-000
Sales Drawing	SD-171810-1000-001
Signal Integrity Report	1714500035-000, 1714500044-000



**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**

[171810 Series](#)

**Mates With**

SpeedStack Vertical Receptacle [171450](#)

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