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Part Number: [1718101107](#)
Status: **Active**
Overview: SpeedMezz Connector Family
Description: SpeedStack Single-Ended Vertical Plug, 0.80mm Pitch, 2.90mm Height, 22 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	889056419833

Physical

Breakaway	No
Circuits (Loaded)	22
Circuits (maximum)	22
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	0.278/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

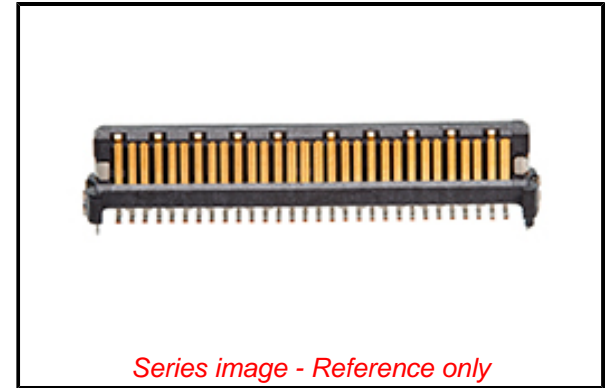
Electrical

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, 1714500044-000
Sales Drawing	SD-171810-1000-001



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 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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