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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 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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°C to +105°C
Termination Interface: Style	Surface Mount

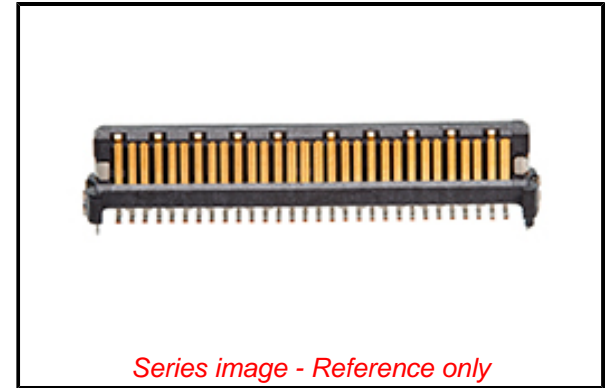
Electrical

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
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
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
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China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

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[171810](#) Series

Mates With

SpeedStack Vertical Receptacle [171450](#)

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