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Part Number: [1714505102](#)
Status: **Active**
Overview: [SpeedMezz Connector Family](#)
Description: SpeedStack Vertical Receptacle, 0.80mm Pitch, 4.10mm Height, 22 Circuits, UL94V-0, Black

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-70873-6002-001 \(PDF\)](#)
[Application Specification 1714500001-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	171450
Application	Board-to-Board
Component Type	PCB Receptacle
Electrical Model	Yes
Overview	SpeedMezz Connector Family
Product Name	SpeedStack
Taxonomy	PCB Headers and Receptacles
UPC	191128233910

Physical

Circuits (Loaded)	22
Circuits (maximum)	22
Color - Resin	Black
Durability (mating cycles max)	25
Glow-Wire Capable	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.353/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	0.762µm
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

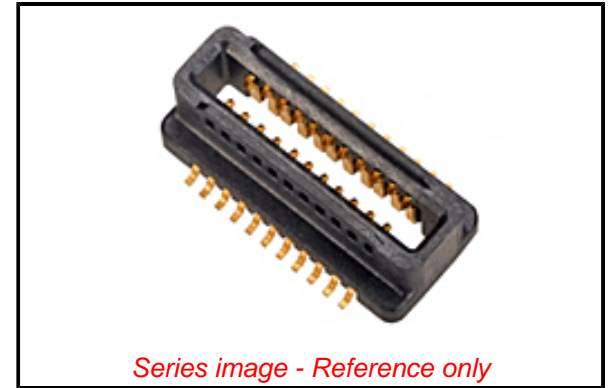
Electrical

Current - Maximum per Contact	0.8A
Voltage - Maximum	29.9V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	1714500001-000
Electrical Model Document	1714500038-000, 1714500043-000, 1714500044-000
Packaging Specification	PK-70873-6002-001
S-Parameter Model	1714500038-000, 1714500043-000, 1714500044-000
Sales Drawing	SD-171450-5000-001



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

[171450 Series](#)

Mates With

[171446](#) SpeedStack Vertical Plug, [171810](#)
SpeedStack Single-Ended Vertical Plug

This document was generated on 01/06/2023

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