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Part Number: [1714503102](#)
Status: **Active**
Overview: [SpeedStack™ Mezzanine Connector System](#)
Description: SpeedStack Vertical Receptacle, 0.80mm Pitch, 4.10mm Height, 22 Circuits, UL94V-0, Black

Documents:

3D Model	Application Specification 1714500001-000 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-6002 (PDF)
Product Specification PS-171446-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	171450
Application	Board-to-Board
Electrical Model	Yes
Overview	SpeedStack™ Mezzanine Connector System
Product Name	SpeedStack
UPC	889056251976

Physical

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	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.320/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
Plating min - Termination	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	5V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	1714500001-000
Electrical Model Document	1714500030-000, 1714500031-000, 1714500035-000, 1714500040-000



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[171450](#) Series

Mates With

[171446](#) SpeedStack Dual Row Plug

Packaging Specification
Product Specification
Sales Drawing
Signal Integrity Report

PK-70873-6002
PS-171446-0001-001
SD-171450-3000, SD-171450-5000
1714500030-000, 1714500031-000, 1714500035-000,
1714500040-000

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