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**Part Number:** [1714503106](#)  
**Status:** **Active**  
**Overview:** [SpeedStack™ Mezzanine Connector System](#)  
**Description:** SpeedStack Vertical Receptacle, 0.80mm Pitch, 4.10mm Height, 60 Circuits, UL94V-0, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 1714500001-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-6002 (PDF)</a>
<a href="#">Product Specification PS-171446-0001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Receptacles
Series	<a href="#">171450</a>
Application	Board-to-Board
Electrical Model	Yes
Overview	<a href="#">SpeedStack™ Mezzanine Connector System</a>
Product Name	SpeedStack
UPC	889056180528

**Physical**

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	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.674/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



*Series image - Reference only*

**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](mailto: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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