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Part Number: [1714500106](#)
Status: **Active**
Overview: SpeedStack™ Mezzanine Connector System
Description: SpeedStack™ Vertical Receptacle, 0.80mm Pitch, 4.10mm Height, 60 Circuits, UL94V-0, Black
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=1714503106171450-3106>

Documents:

[3D Model](#) [Test Summary TS-171446-7432 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-171446-0001 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Receptacles
 Series [171450](#)
 Application Board-to-Board
 Electrical Model Yes
 Overview [SpeedStack™ Mezzanine Connector System](#)
 Product Name SpeedStack™
 Replacement Part Number [171450-3106](#)
 UPC 887191412641

Physical

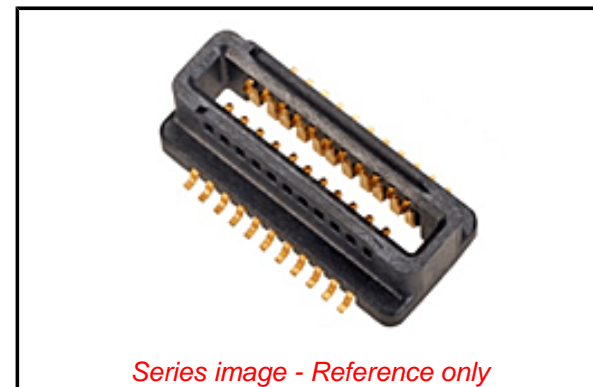
Circuits (Loaded) 60
 Circuits (maximum) 60
 Color - Resin Black
 Durability (mating cycles max) 20
 Flammability 94V-0
 Glow-Wire Compliant No
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Nickel, Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 0.594/g
 Number of Rows 2
 Orientation Vertical
 PCB Retention N/A
 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°C to +105°C
 Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 0.8A
 Voltage - Maximum 29.9V

Solder Process Data

Lead-freeProcess Capability N/A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2015 June 15): No

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[171450](#) Series

Mates With

[171446-0115](#) SpeedStack™ Dual-Row Plug

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-171444-7432
Product Specification	PS-171446-0001
S-Parameter Model	SP-171444-7432
Sales Drawing	SD-171450-0000
Test Summary	TS-171446-7432

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