

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1714500105

Status:

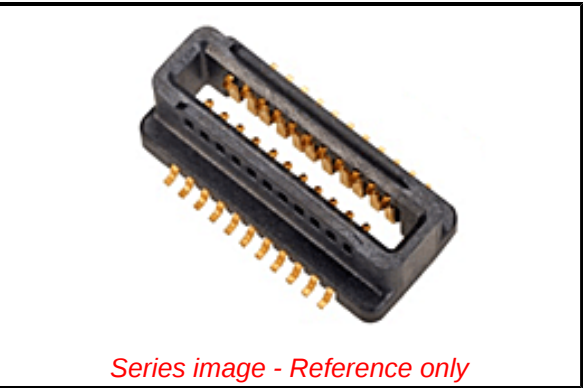
Active

Overview:

SpeedStack™ Mezzanine Connector System

Description:

SpeedStack™ Vertical Receptacle, 0.80mm Pitch, 3.10mm Height, 60 Circuits, UL94V-0, Black



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Packaging Specification PK-70873-6002 \(PDF\)](#)

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

Agency Certification	
UL	E29179
General	
Product Family	PCB Receptacles
Series	171450
Application	Board-to-Board
Overview	SpeedStack™ Mezzanine Connector System
Product Name	SpeedStack™
UPC	887191661261
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	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.482/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°C to +105°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	0.8A
Voltage - Maximum	5V AC (RMS)/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	020
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260
Material Info	

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

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

Reference - Drawing Numbers

Electrical Model Document	EE-171450-0025
Packaging Specification	PK-70873-6002
S-Parameter Model	SP-171444-5411, SP-171450-0025
Sales Drawing	SD-171450-0000

This document was generated on 01/18/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[171450-0105](#)