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Part Number: 1714505106

Status: Active

Overview: SpeedStack™ Mezzanine Connector System

Description: SpeedStack Vertical Receptacle, 0.80mm Pitch, 4.10mm Height, 60 Circuits, UL94V-0, Black

Series image - Reference only

Documents:

Drawing (PDF)
Application Specification 1714500001-000 (PDF)
Packaging Specification PK-70873-6002-001 (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	191128077217

Physical

Circuits (Loaded)	60
Circuits (maximum)	60
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	0.748/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
Sales Drawing	SD-171450-5000-001
Signal Integrity Report	1714500038-000, 1714500043-000, 1714500044-000

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - D(2020)4578-DC (25 June 2020)

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
171450 Series

Mates With
171446 SpeedStack Vertical Plug, 171810 SpeedStack Single-Ended Vertical Plug

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