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Part Number: [501594411](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch SlimStack Board-to-Board Plug, Surface Mount, Dual Row, Vertical Stacking, 0.90mm Stacking Height, with Solder Tabs, 44 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-501594-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-501591-002-001 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
Series [501594](#)
3D Viewer Yes
Application Board-to-Board, Signal
CURRENT-MAX-NUMERIC 0.3
Overview [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)
PITCH-MATING-NUMERIC 0.40
Product Name SlimStack
Series Name T9
UPC 800756927060

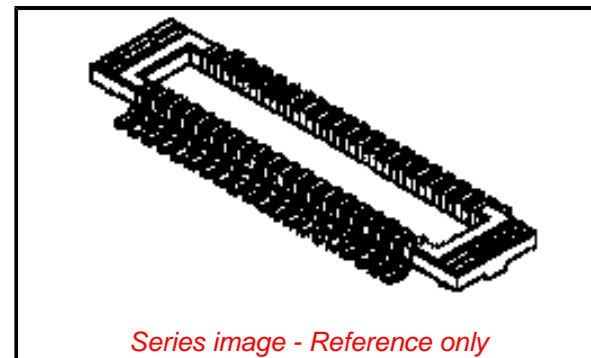
Physical

Breakaway No
Circuits (Loaded) 44
Circuits (maximum) 44
Color - Resin Black
Durability (mating cycles max) 20
Flammability 94V-0
Glow-Wire Capable No
Lock to Mating Part Yes
Mated Height 0.90mm
Mated Width 3.40mm
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Net Weight 21.257/mg
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 0.40mm
Polarized to Mating Part No
Polarized to PCB No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -25° to +85°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 0.3A
Voltage - Maximum 50V AC (RMS)/DC

Material Info



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[501594 Series](#)

Mates With

[501591 SlimStack Board-to-Board Receptacle](#)

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-501594-001-001

PS-501591-002-001

SD-501594-005, SD-501594-006

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