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**Part Number:** [5015945411](#)  
**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, 54 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 822350792691

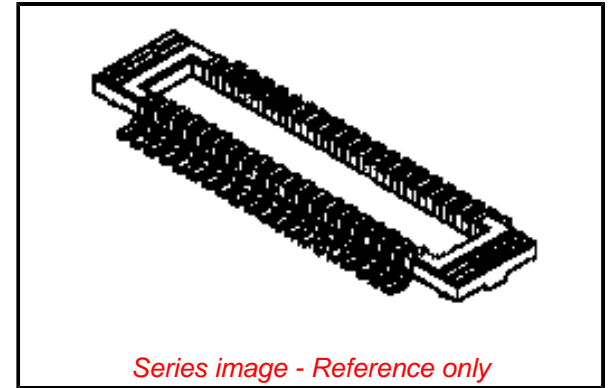
**Physical**

Breakaway No  
Circuits (Loaded) 54  
Circuits (maximum) 54  
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 24.947/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**



*Series image - Reference only*

**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

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

This document was generated on 10/22/2019

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