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**Part Number:** [5015942411](#)  
**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, 24 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](#)  
 Application Board-to-Board, Signal  
 Overview [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)  
 Product Name SlimStack  
 Series Name T9  
 UPC 822350792646

**Physical**

Breakaway No  
 Circuits (Loaded) 24  
 Circuits (maximum) 24  
 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 13.877/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

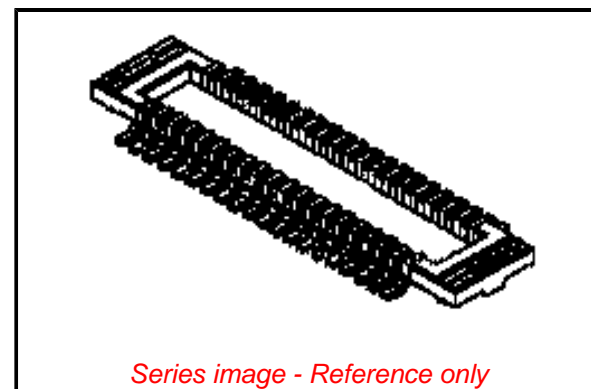
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-501594-001-001  
 Product Specification PS-501591-002-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**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

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