

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5015914011](#)
Status: **Active**
Overview: [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)
Description: 0.40mm Pitch SlimStack Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical Stacking, 0.90mm Stacking Height, with Solder Tabs, 40 Circuits

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Receptacles
Series [501591](#)
Application Board-to-Board, Signal
Overview [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)
Product Name SlimStack
Series Name T9
UPC 822350792318

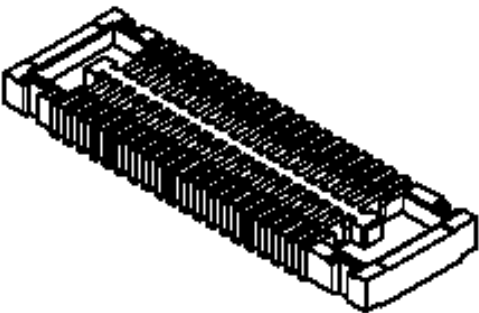
Physical

Circuits (Loaded) 40
Circuits (maximum) 40
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 43.521/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

China RoHS

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[501591](#) Series

Mates With

[501594](#) PCB Header

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[501591-4011](#)