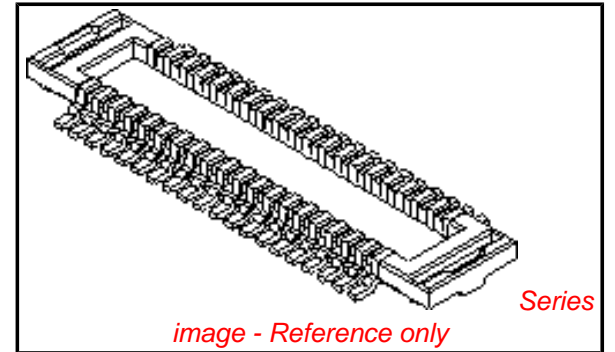


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Part Number: [501594-1211](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch SlimStack™ Board-to-Board Plug, SMT, Dual Row, Vertical Stacking, 0.90mm Stacking Height, with Solder Tabs, 12 Circuits

Documents:

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



General

Product Family	PCB Headers
Series	501594
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack™

Physical

Breakaway	No
Circuits (Loaded)	12
Color - Resin	Black
Durability (mating cycles max)	20
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height	0.90mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
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
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25°C 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
Product Specification	PS-501591-002, RPS-501591-010, RPS-501591-012, RPS-501591-016, RPS-501591-019, RPS-501591-020
Sales Drawing	SD-501594-005, SD-501594-006

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

501594Series

Mates With

501591 SlimStack™ Board-to-Board Receptacle