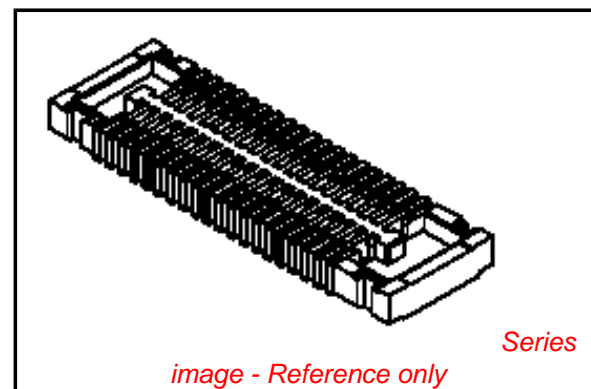


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**Part Number:** [5015911011](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.40mm (.016") Pitch Headers and Receptacles  
**Description:** 0.40mm Pitch SlimStack™ Board-to-Board Receptacle, SMT, Dual Row, Vertical Stacking, 0.90mm Stacking Height, with Solder Tabs, 10 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-501591-003 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-501591-001 (PDF)</a>
<a href="#">Product Specification PS-501591-002 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	PCB Receptacles
Series	501591
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack™ 0.40mm (.016") Pitch Headers and Receptacles</a>
Product Name	SlimStack™

**Physical**

Circuits (Loaded)	10
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-501591-001
Product Specification	PS-501591-002, PS-501591-003, RPS-501591-010, RPS-501591-012, RPS-501591-016, RPS-501591-019, RPS-501591-020, RPS-501591-022, RPS-501591-023
Sales Drawing	SD-501591-005, SD-501591-006

<b>EU RoHS</b> <b>ELV and RoHS</b> <b>Compliant</b> <b>REACH SVHC</b> <b>Contains SVHC: No</b> <b>Low-Halogen Status</b> <b>Not Reviewed</b>	<b>China RoHS</b> 
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**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

501591Series

**Mates With**

501594 PCB Header

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