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**Part Number:** [503776-1610](#)  
**Status:** **Active**  
**Description:** 0.40mm Pitch SlimStack™ B8 Board-to-Board Plug, SMT, Dual Row, Vertical, 0.80mm Stacking Height, 16 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-503776-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">503776</a>
Application	Board-to-Board, Signal
Product Name	SlimStack™ B8
UPC	884982581494

**Physical**

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height	0.80mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	8.600/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
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

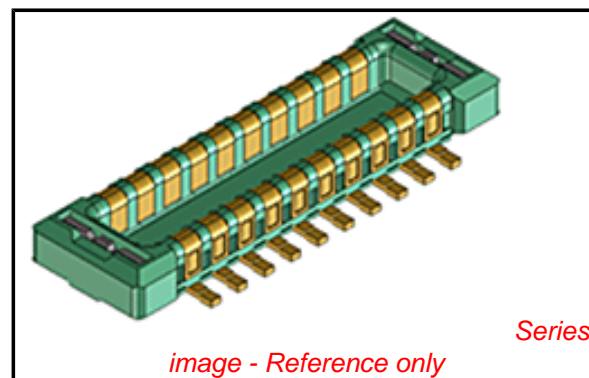
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-503776-001
Product Specification	RPS-503772-006
Sales Drawing	SD-503776-001, SD-503776-002, SD-503776-003



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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[503776Series](#)