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**Part Number:** [503776-5010](#)  
**Status:** **Active**  
**Description:** 0.40mm Pitch SlimStack™ B8 Board-to-Board Plug, SMT, Dual Row, Vertical, 0.80mm Stacking Height, 50 Circuits

**Documents:**

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

**General**

Product Family	PCB Headers
Series	<a href="#">503776</a>
Application	Board-to-Board, Signal
Product Name	SlimStack™ B8
UPC	884982408968

**Physical**

Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
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	20.886/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

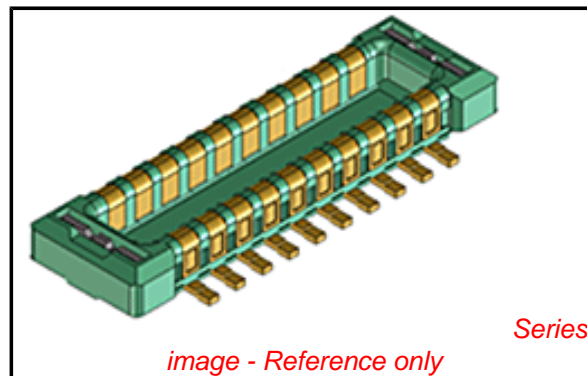
**Electrical**

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-503776-003



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

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

**China RoHS**



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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**

[503776Series](#)