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**Part Number:** [5046181010](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.35mm pitch Board-to-Board Connectors  
**Description:** 0.35mm Pitch SlimStack™ SSB6 Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 0.60mm Stacking Height, 2.00mm Width, 10 Circuits

**Documents:**

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

**General**

Product Family	PCB Receptacles
Series	<a href="#">504618</a>
Application	Board-to-Board
Comments	PCB Retention via Solder Tab
Overview	<a href="#">SlimStack™ 0.35mm pitch Board-to-Board Connectors</a>
Product Name	SlimStack™
UPC	887191687667

**Physical**

Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height	0.60mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	15.685/mg
Number of Rows	2
Orientation	Vertical
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.35mm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

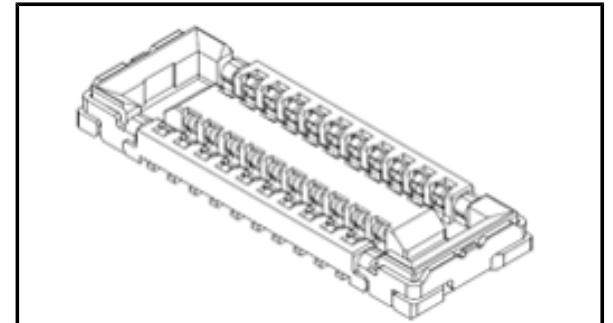
**Electrical**

Current - Maximum per Contact	0.3A
Voltage - Maximum	50V

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing SD-504618-001, SD-504618-002



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[504618](#) Series

**Mates With**

[504622](#) 0.35mm Pitch SlimStack™ SSB6  
Board-to-Board Plug Connector