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**Part Number:** **5046225010**  
**Status:** **Active**  
**Overview:** SlimStack™ 0.35mm pitch Board-to-Board Connectors  
**Description:** 0.35mm Pitch SlimStack™ SSB6 Board-to-Board Plug Connector, Surface Mount, Dual Row, Vertical, 0.60mm Stacking Height, 2.00mm Width, 50 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-504618-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 5046229200-200 (PDF)</a>
<a href="#">Product Specification PS-504618-002-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Headers
Series	504622
Application	Board-to-Board
Overview	SlimStack™ 0.35mm pitch Board-to-Board Connectors
Product Name	SlimStack™
UPC	887191511627

**Physical**

Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
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	18.800/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	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

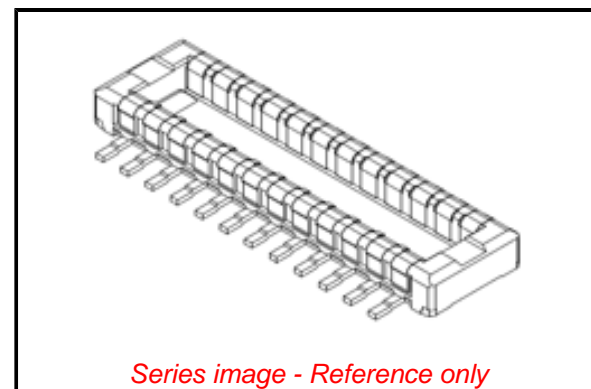
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-504618-001-001
Packaging Specification	5046229200-200
Product Specification	PS-504618-002-001
Sales Drawing	SD-504622-001, SD-504622-002



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[504622 Series](#)

**Mates With**

[504618 0.35mm Pitch SlimStack™ SSB6 Board-to-Board Receptacle](#)