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## Status:

 Obsolete

 Add to My Parts  Email this page (<mailto:?subject=Molex Product 504618-1010&body=http://www.molex.com/customer.html?supplierPN=504618-1010>)

## Part Number: 5046181010



SlimStack Board-to-Board Connector, 0.35mm Pitch, SSB6 Standard Series, Receptacle, 0.60mm Mated Height, 2.00mm Mated Width, 10 Circuits

- **Series:** 504618 (</molex/search/partSearch?query=504618&pQuery=>)
- **Replacement:** 5046181012 (</molex/search/partSearch?pQuery=&sType=p&query=5046181012>) (drop-in)
- **Category:** PCB Receptacles
- **Overview:** SlimStack Board-to-Board Connectors ( [/molex/products/family/slimstack\\_fine\\_pitch\\_smt\\_board\\_to\\_board\\_connectors](/molex/products/family/slimstack_fine_pitch_smt_board_to_board_connectors))

[Buy Now \(/molex/products/distributors/504618-1010\)](/molex/products/distributors/504618-1010)

 Engineering Documents  Mates With/Use With  Environmental  Part Details

Engineering Documents

Mates With/Use With

### Mates With Part(s):


SlimStack SSB6 Plug 504622 (</molex/search/deepSearch?pQuery=productseries:504622@circuitsloaded:10@circuitsmaximum:10@materialplatingmating:Gold@numberofrows:2@pitchmatinginterface:0.35mm>)

Product Environmental Compliance

### Compliance:

EU ELV ([.././././common/staticLoader.jsp?fileName=/webcontent/literature/EU\\_RoHS.html?section=euelv](http://common/staticLoader.jsp?fileName=/webcontent/literature/EU_RoHS.html?section=euelv)): Not Relevant

EU RoHS ([.././././common/staticLoader.jsp?fileName=/webcontent/literature/EU\\_RoHS.html?section=eurohs](http://common/staticLoader.jsp?fileName=/webcontent/literature/EU_RoHS.html?section=eurohs)): Compliant

China RoHS ([.././././common/staticLoader.jsp?fileName=/webcontent/literature/EU\\_RoHS.html?section=china](http://common/staticLoader.jsp?fileName=/webcontent/literature/EU_RoHS.html?section=china)): 

REACH SVHC ([.././././common/staticLoader.jsp?fileName=/webcontent/contact/reach.html?&](http://common/staticLoader.jsp?fileName=/webcontent/contact/reach.html?&)): Contained Per -D(2020)4578-DC (25 June 2020) more

Low-Halogen Status ([.././././common/staticLoader.jsp?fileName=/webcontent/contact/halogen\\_free.html?&](http://common/staticLoader.jsp?fileName=/webcontent/contact/halogen_free.html?&)): Low-Halogen

### Documents:

EU RoHS Certificate of Compliance (PDF) ([https://www.molex.com/datasheets/rohspdf/5046181010\\_rohs.pdf](https://www.molex.com/datasheets/rohspdf/5046181010_rohs.pdf))

Multiple Part Product Compliance Statements ([.././././electrical\\_model/rohsCoC.jsp?pn=5046181010](http://electrical_model/rohsCoC.jsp?pn=5046181010))

EU RoHS, REACH SVHC, & Low-Halogen

Multiple Part Industry Compliance Documents ([.././././electrical\\_model/MultiPartComplianceDocuments.action?pn=5046181010](http://electrical_model/MultiPartComplianceDocuments.action?pn=5046181010))

\*IPC 1752A Class C

\*IPC 1752A Class D

\*Molex Product Compliance Declaration

\*IEC-62474

\*chemSHERPA (xml)

Request Molex's CMRT from [conflictminerals@molex.com](mailto:conflictminerals@molex.com) (<mailto:conflictminerals@molex.com>)

Part Details

Expand All

**General**

<b>Status</b>	Obsolete
<b>Replacement Part Number</b>	5046181012 (/molex/search/partSearch?pQuery=&sType=p&query=5046181012) (drop-in)
<b>Category</b>	PCB Receptacles
<b>Series</b>	504618 (/molex/search/partSearch?query=504618&pQuery=)
<b>Application</b>	Board-to-Board
<b>Overview</b>	SlimStack Board-to-Board Connectors (/molex/products/family/slimstack_fine_pitch_smt_board_to_board_connectors)
<b>Product Name</b>	SlimStack
<b>Series Name</b>	SSB6
<b>UPC</b>	887191687667

**Physical**

<b>Circuits (Loaded)</b>	10
<b>Circuits (maximum)</b>	10
<b>Color - Resin</b>	Black
<b>Durability (mating cycles max)</b>	30
<b>Glow-Wire Capable</b>	No
<b>Mated Height</b>	0.60mm
<b>Mated Width</b>	2.00mm
<b>Material - Metal</b>	Copper Alloy
<b>Material - Plating Mating</b>	Gold
<b>Material - Plating Termination</b>	Gold
<b>Material - Resin</b>	Liquid Crystal Polymer
<b>Net Weight</b>	15.685/mg
<b>Number of Rows</b>	2
<b>Orientation</b>	Vertical
<b>PCB Locator</b>	No
<b>PCB Retention</b>	Yes
<b>Packaging Type</b>	Embossed Tape on Reel
<b>Pitch - Mating Interface</b>	0.35mm
<b>Pitch - Termination Interface</b>	0.35mm
<b>Plating min - Mating</b>	0.100µm
<b>Plating min - Termination</b>	0.050µm
<b>Polarized to Mating Part</b>	No
<b>Polarized to PCB</b>	No
<b>Temperature Range - Operating</b>	-40° to +85°C
<b>Termination Interface: Style</b>	Surface Mount

**Electrical****(Please review the Product Specification for specific details.)**

<b>Current - Maximum per Contact</b>	0.3A
<b>Voltage - Maximum</b>	50V

Do you have any questions?

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2/3



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