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**Part Number:** [5046182412](#)  
**Status:** **Active**  
**Overview:** [SlimStack Board-to-Board Connectors](#)  
**Description:** SlimStack Board-to-Board Receptacle, 0.35mm Pitch, SSB6 Standard Series, 0.60mm Mated Height, 2.00mm Mated Width, 24 Circuits

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                       | <a href="#">Packaging Specification 5046189200-202 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                 | <a href="#">Datasheet (PDF)</a>                              |
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Product Guide (PDF)</a>                          |
| <a href="#">Product Specification 5046180000-000 (PDF)</a>     | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |
| <a href="#">Product Specification PS-504622-001 (PDF)</a>      | <a href="#">Reference Guide (PDF)</a>                        |
| <a href="#">Application Specification 5046180000-A00 (PDF)</a> |  |

**General**

|                |   |
|----------------|---|
| Product Family | PCB Receptacles                                     |
| Series         | <a href="#">504618</a>                              |
| Application    | Board-to-Board                                      |
| Comments       | PCB Retention via Solder Tab                        |
| Overview       | <a href="#">SlimStack Board-to-Board Connectors</a> |
| Product Name   | SlimStack   |
| Series Name    | SSB6  |
| UPC            | 191128130332  |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 24                    |
| Circuits (maximum)             | 24                    |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| Glow-Wire Capable              | No                    |
| Mated Height                   | 0.60mm                |
| Mated Width                    | 2.00mm                |
| Material - Metal               | Copper Alloy          |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 22.577/mg             |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 0.35mm                |
| Pitch - Termination Interface  | 0.35mm                |
| Polarized to Mating Part       | No                    |
| Polarized to PCB               | No                    |
| Temperature Range - Operating  | -40° to +85°C         |
| Termination Interface: Style   | Surface Mount         |

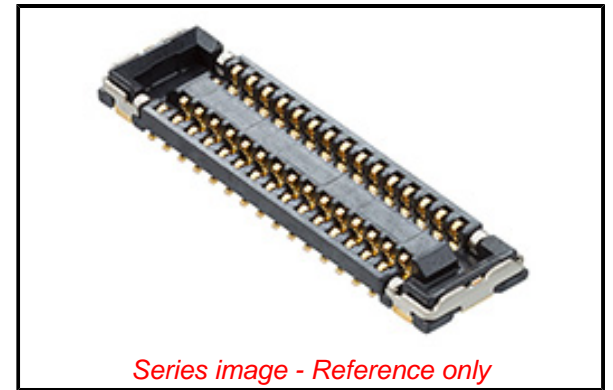
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                           |                                |
|---------------------------|--------------------------------|
| Application Specification | 5046180000-A00                 |
| Packaging Specification   | 5046189200-202                 |
| Product Specification     | 5046180000-000, PS-504622-001  |
| Sales Drawing             | 5046180000-004, 5046181000-003 |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[504618 Series](#)

**Mates With**

SlimStack SSB6 Plug [504622](#)

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