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**Part Number:** [5046223412](#)

**Status:** **Active**

**Overview:**

**Description:** SlimStack Board-to-Board Plug, 0.35mm Pitch, SSB6 Standard Series, 0.60mm Mated Height, 2.00mm Mated Width, 34 Circuits

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers  |
| Series         | <a href="#">504622</a>                             |
| Application    | Board-to-Board                                     |
| Overview       | slimstack_fine_pitch_smt_board_to_board_connectors |
| Product Name   | SlimStack  |
| Series Name    | 0.35, SSB6   |
| UPC            | 191128130448                                       |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | No                     |
| Circuits (Loaded)              | 34                     |
| Circuits (maximum)             | 34                     |
| 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                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 8.780/mg               |
| Number of Rows                 | 2                      |
| Orientation                    | Vertical               |
| PCB Locator                    | No                     |
| PCB Retention                  | Yes                    |
| Packaging Type                 | Embossed Tape on Reel  |
| Pitch - Mating Interface       | 0.35mm                 |
| Pitch - Termination Interface  | 0.35mm                 |
| Plating min - Mating           | 0.100µm                |
| Plating min - Termination      | 0.050µm                |
| 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 AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                |
|---------------------------|--------------------------------|
| Application Specification | 5046180000-A00                 |
| Packaging Specification   | 5046229200-202                 |
| Product Specification     | 5046180000-000, PS-504618-002  |
| Sales Drawing             | 5046220000-004, 5046221000-003 |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**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**

[504622](#) Series

**Mates With**

SlimStack SSB6 Receptacle [504618](#)

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