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**Part Number:** [5050704822](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board/Board-to-FPC Connectors  
**Description:** SlimStack Board-to-Board Plug, 0.35mm Pitch, SSB RP Series, 0.60 or 0.70mm Mated Height, 2.00mm Mated Width, 48 Circuits, Armor Nail, 0.15mm Fitting Nail Width

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model (PDF)</a>                             | <a href="#">Application Specification 5050660000-A06 (PDF)</a> |
| <a href="#">3D Model</a>                                   | <a href="#">Packaging Specification 5050709200-203 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>                              | <a href="#">Datasheet (PDF)</a>                                |
| <a href="#">2D Drawing (DXF)</a>                           | <a href="#">Product Guide (PDF)</a>                            |
| <a href="#">2D Drawing DXF (PDF)</a>                       | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Product Specification 5050660000-014 (PDF)</a> | <a href="#">Reference Guide (PDF)</a>                          |

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers  |
| Series         | <a href="#">505070</a>   |
| Application    | Board-to-Board   |
| Overview       | <a href="#">SlimStack Board-to-Board/Board-to-FPC Connectors</a> |
| Product Name   | SlimStack  |
| Series Name    | 0.35, SSB RP   |
| Taxonomy       | Board-to-Board Connectors  |
| UPC            | 191128261838   |

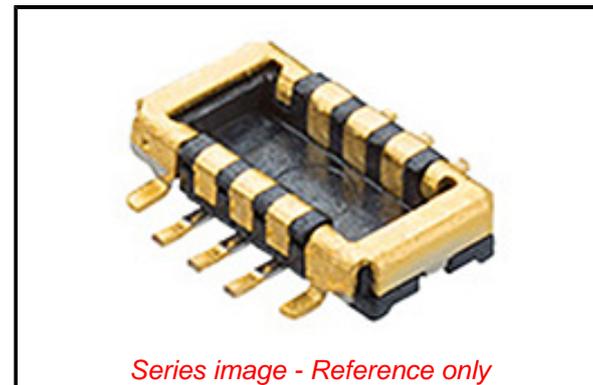
**Physical**

|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | No                     |
| Circuits (Loaded)              | 48                     |
| Circuits (maximum)             | 48                     |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 30                     |
| Glow-Wire Capable              | No                     |
| Mated Height                   | 0.60mm, 0.70mm         |
| Mated Width                    | 2.00mm                 |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Gold                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 11.728/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, 3.0A      |
| Voltage - Maximum             | 50V AC (RMS)/DC |

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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**

[505070 Series](#)

**Mates With**

SlimStack SSB RP Receptacle [505066](#)

**Reference - Drawing Numbers**

|                           |                                |
|---------------------------|--------------------------------|
| Application Specification | 5050660000-A06                 |
| Packaging Specification   | 5050709200-203                 |
| Product Specification     | 5050660000-014                 |
| Sales Drawing             | 5050700000-007, 5050701000-019 |

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