

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5050700822](#)  
**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, 8 Circuits, Armor Nail, 0.15mm Fitting Nail Width

**Documents:**

|  |  |
|--|--|
| <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="#">3D Model (PDF)</a>                                 | <a href="#">Product Guide (PDF)</a>                          |
| <a href="#">Product Specification 5050660000-014 (PDF)</a>     | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |
| <a href="#">Application Specification 5050660000-A06 (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   |
| UPC            | 191130017720   |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | No                     |
| Circuits (Loaded)              | 8                      |
| Circuits (maximum)             | 8                      |
| 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                     | 3.223/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**

**Reference - Drawing Numbers**

|                           |                |
|---------------------------|----------------|
| Application Specification | 5050660000-A06 |
|---------------------------|----------------|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 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**

[505070](#) Series

**Mates With**

SlimStack SSB RP Receptacle [505066](#)

Packaging Specification  
Product Specification  
Sales Drawing

5050709200-203  
5050660000-014  
5050700000-007, 5050701000-019

This document was generated on 09/14/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**