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**Part Number:** [0539160208](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board/Board-to-FPC Connectors  
**Description:** 0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical, 4.00mm Stack Height, without Solder Tabs, 20 Circuits, without Vacuum Pick-up Tape

**Documents:**

|                                |  |
|--------------------------------|--|
| <a href="#">Drawing (PDF)</a>  | <a href="#">Product Specification 529910000-PS-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">Datasheet (PDF)</a>                              |
| <a href="#">3D Model</a>       | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers  |
| Series         | <a href="#">53916</a>  |
| Application    | Board-to-Board, Signal   |
| Overview       | <a href="#">SlimStack Board-to-Board/Board-to-FPC Connectors</a> |
| Product Name   | SlimStack  |
| Series Name    | 0.5, BB H3/4   |
| UPC            | 800754250306   |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 20                    |
| Circuits (maximum)             | 20                    |
| First Mate / Last Break        | No                    |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | No                    |
| Keying to Mating Part          | None                  |
| Lock to Mating Part            | None                  |
| Mated Height                   | 4.00mm                |
| Mated Width                    | 5.40mm                |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 118.900/mg            |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | None                  |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 0.50mm                |
| Plating min - Mating           | 0.254µm               |
| Plating min - Termination      | 0.102µm               |
| Polarized to PCB               | No                    |
| Shrouded                       | Fully                 |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface: Style   | Surface Mount         |

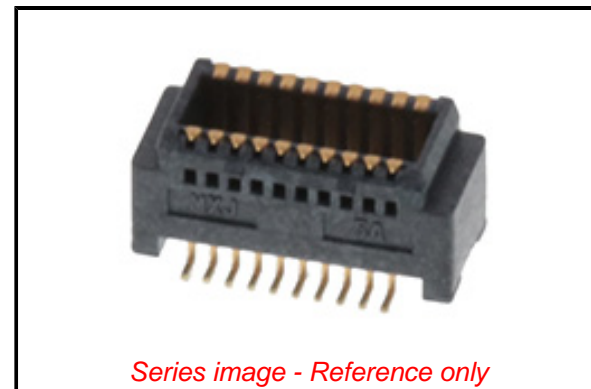
**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum             | 50V  |

**Material Info**

**Reference - Drawing Numbers**

|                       |                                    |
|-----------------------|------------------------------------|
| Product Specification | 529910000-PS-000                   |
| Sales Drawing         | SD-53916-001-001, SD-53916-002-001 |



*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**

[53916 Series](#)

**Mates With**

SlimStack Receptacle [52991](#) , [54167](#)

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