

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

**Part Number:** [0559092474](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.40mm Pitch Board-to-Board Connectors  
**Description:** SlimStack Board-to-Board Connector, 0.40mm Pitch, J-Bend Series, Plug, 1.50 or 1.80mm Mated Height, 3.40 or 4.20mm Mated Width, 20 Circuits

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                 | <a href="#">Packaging Specification SPK-55909-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Product Specification PS-51338-002 (PDF)</a> | <a href="#">Product Literature (PDF)</a>                        |

**General**

|                             |   |
|-----------------------------|---|
| Product Family              | PCB Headers   |
| Series                      | 55909   |
| Application                 | Board-to-Board, Signal  |
| Comments                    | Solder Tab Plating: Tin   |
| Overview                    | <a href="#">SlimStack™ 0.40mm Pitch Board-to-Board Connectors</a> |
| Product Literature Order No | 987651-8281   |
| Product Name                | SlimStack   |
| Series Name                 | J-Bend  |
| UPC                         | 822348543892  |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 24                    |
| Circuits (maximum)             | 24                    |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| Glow-Wire Capable              | No                    |
| Keying to Mating Part          | None                  |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 1.50mm, 1.80mm        |
| Mated Width                    | 3.40mm, 4.20mm        |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 26.610/mg             |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 0.40mm                |
| Temperature Range - Operating  | -25° to +85°C         |
| Termination Interface: Style   | Surface Mount         |

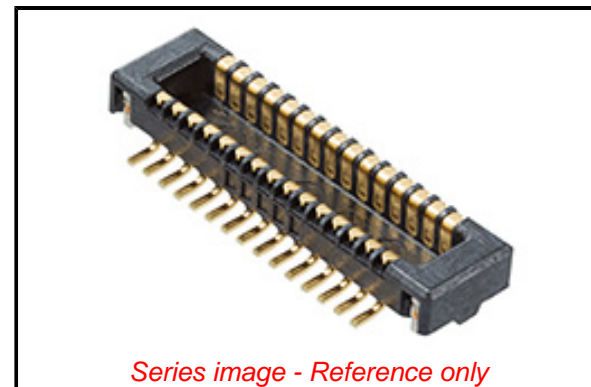
**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.3A            |
| Voltage - Maximum             | 50V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                         |                             |
|-------------------------|-----------------------------|
| Packaging Specification | SPK-55909-001-001           |
| Product Specification   | PS-51338-002                |
| Sales Drawing           | 559090074-000, SD-55909-003 |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**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**

[55909 Series](#)

**Mates With**

[SlimStack Board-to-Board Receptacle  
51338 , 500913](#)

This document was generated on 10/30/2018

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[55909-2474](#)