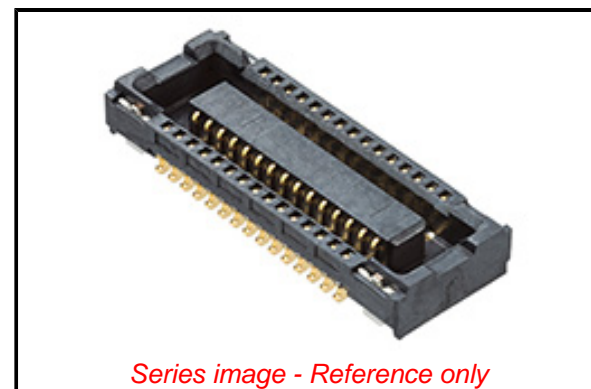


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0513381074](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.40mm Pitch Board-to-Board Connectors  
**Description:** 0.40mm Pitch Board-to-Board SlimStack Receptacle, Surface Mount, Dual Row, Vertical Stacking, 1.50mm or 2.00mm Stacking Height, with Space Saving J-Bend Leads, 100 Circuits

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                 | <a href="#">Packaging Specification SPK-51338-001-001 (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>                        |



*Series image - Reference only*

**General**

|                             |   |
|-----------------------------|---|
| Product Family              | PCB Receptacles   |
| Series                      | 51338   |
| Application                 | Board-to-Board, Signal  |
| Comments                    | Solder Tab Plating: Tin (Sn) over Nickel                          |
| Overview                    | <a href="#">SlimStack™ 0.40mm Pitch Board-to-Board Connectors</a> |
| Product Literature Order No | 987651-8558   |
| Product Name                | SlimStack   |
| Series Name                 | J-Bend  |
| UPC                         | 822348297153  |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 100                   |
| Circuits (maximum)             | 100                   |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| Glow-Wire Capable              | No                    |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 1.50mm, 2.00mm        |
| Mated Width                    | 3.40mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 150.941/mg            |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | None                  |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 0.40mm                |
| Polarized to Mating Part       | No                    |
| Polarized to PCB               | No                    |
| Surface Mount Compatible (SMC) | Yes                   |
| 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-51338-001-001          |
| Product Specification   | PS-51338-002               |
| Sales Drawing           | SD-51338-003, SD-51338-004 |

**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**

[51338 Series](#)

**Mates With**

SlimStack Board-to-Board Plug [55909](#) ,  
[501745](#)

This document was generated on 10/11/2018

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