

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

**Part Number:** [0513380674](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board/Board-to-FPC Connectors  
**Description:** SlimStack Board-to-Board Receptacle, 0.40mm Pitch, J-Bend Series, 0.20µm Gold (Au) Plating, 1.50 or 2.00mm Mated Height, 3.40mm Mated Width, 60 Circuits

**Documents:**

|  |   |
|--|---|
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Product Specification PS-51338-003-001 (PDF)</a>    |
| <a href="#">2D Drawing (DXF)</a>                             | <a href="#">Packaging Specification SPK-51338-001-001 (PDF)</a> |
| <a href="#">2D Drawing DXF (PDF)</a>                         | <a href="#">Datasheet (PDF)</a>                                 |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Product Guide (PDF)</a>                             |
| <a href="#">3D Model</a>                                     | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Product Specification PS-51338-002-001 (PDF)</a> | <a href="#">Reference Guide (PDF)</a>                           |

**General**

|                |  |
|----------------|--|
| Product Family | PCB Receptacles  |
| Series         | 51338  |
| Application    | Board-to-Board, Signal   |
| Comments       | Solder Tab Plating: Tin (Sn) over Nickel                         |
| Overview       | <a href="#">SlimStack Board-to-Board/Board-to-FPC Connectors</a> |
| Product Name   | SlimStack  |
| Series Name    | 0.4, J-Bend  |
| UPC            | 822348297115   |

**Physical**

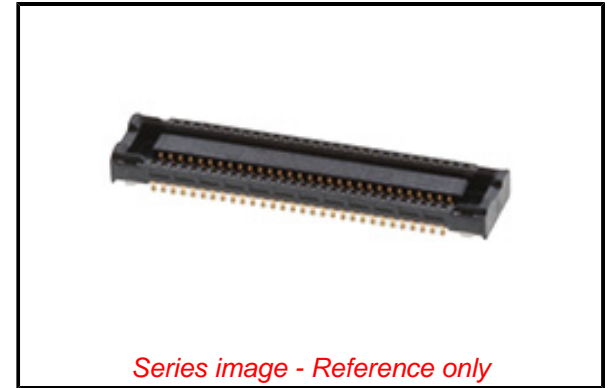
|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 60                    |
| Circuits (maximum)             | 60                    |
| Color - Resin                  | Black                 |
| Durability (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                     | 100.981/mg            |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | None                  |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 0.40mm                |
| Pitch - Termination Interface  | 0.40mm                |
| Plating min - Mating           | 0.200µm               |
| Polarized to Mating Part       | No                    |
| Polarized to PCB               | No                    |
| Surface Mount Compatible (SMC) | Yes                   |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface: Style   | Surface Mount         |

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**



**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**

[51338 Series](#)

**Mates With**

[SlimStack J-Bend Plug 55909](#) , [501745](#)

Packaging Specification  
Product Specification  
Sales Drawing

SPK-51338-001-001  
PS-51338-002-001, PS-51338-003-001  
SD-51338-003-001, SD-51338-004-001

This document was generated on 12/14/2021

**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:](#)

[51338-0674](#)