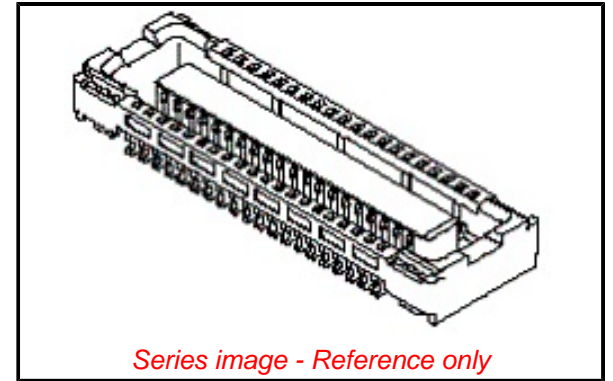


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**Part Number:** [0513383474](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.40mm Pitch Board-to-Board Connectors  
**Description:** 0.40mm Pitch Board-to-Board SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical Stacking, 1.50mm Stacking Height, with Space Saving J-Bend Leads, 34 Circuits

**Documents:**

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



**General**

|                |  |
|----------------|--|
| Product Family | PCB Receptacles  |
| Series         | 51338  |
| Application    | Board-to-Board, Signal                                   |
| Comments       | Solder Tab Plating: Tin (Sn) over Nickel                 |
| Overview       | <u>SlimStack™ 0.40mm Pitch Board-to-Board Connectors</u> |
| Product Name   | SlimStack™   |
| UPC            | 191128119719   |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 34                    |
| Circuits (maximum)             | 34                    |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| Glow-Wire Compliant            | No                    |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 1.50mm, 2.00mm        |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 64.363/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°C 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-51338-002-001, PS-51338-003-001 |
| Sales Drawing           | SD-51338-003, SD-51338-004         |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

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 06/14/2017

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