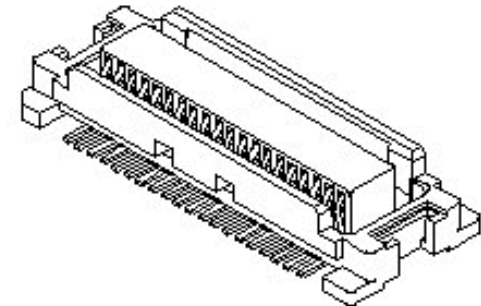


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**Part Number:** [52991-0308](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.50mm Pitch  
**Description:** 0.50mm Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 3.00 and 4.00mm Stacking Heights, Lower Circuit Size Version, White, 30 Circuits

**Documents:**

- [3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-52991-003 \(PDF\)](#)  
[Product Specification PS-52991-008 \(PDF\)](#)
- [Product Specification PS-54167-002 \(PDF\)](#)  
[Packaging Specification SPK-52991-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)



Series

image - Reference only

**General**

|                |                                         |
|----------------|-----------------------------------------|
| Product Family | PCB Receptacles                         |
| Series         | <a href="#">52991</a>                   |
| Application    | Board-to-Board, Signal                  |
| Overview       | <a href="#">SlimStack™ 0.50mm Pitch</a> |
| Product Name   | SlimStack™                              |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 30                    |
| Circuits (maximum)             | 30                    |
| Glow-Wire Compliant            | No                    |
| Mated Height                   | 3.00mm, 4.00mm        |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | None                  |
| PCB Thickness - Recommended    | 1.60mm                |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 0.50mm                |
| Plating min - Mating           | 0.102µm               |
| Plating min - Termination      | 0.254µm               |
| Polarized to PCB               | No                    |
| Surface Mount Compatible (SMC) | N/A                   |
| Temperature Range - Operating  | -40°C to +105°C       |
| Termination Interface: Style   | Surface Mount         |

**Electrical**

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

**Material Info**

|     |              |
|-----|--------------|
| UPC | 800754364355 |
|-----|--------------|

**Reference - Drawing Numbers**

|                         |                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging Specification | <a href="#">SPK-52991-001</a>                                                                                                                                                                                                                                                                    |
| Product Specification   | <a href="#">PS-52991-003</a> , <a href="#">PS-52991-008</a> , <a href="#">PS-54167-002</a> ,<br><a href="#">RPS-52991-012</a> , <a href="#">RPS-52991-013</a> , <a href="#">RPS-52991-016</a> ,<br><a href="#">RPS-52991-017</a> , <a href="#">RPS-52991-019</a> , <a href="#">RPS-54167-009</a> |
| Sales Drawing           | <a href="#">SD-52991-004</a> , <a href="#">SD-52991-005</a>                                                                                                                                                                                                                                      |

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not Reviewed**

**China RoHS**



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For a multiple part number RoHS Certificate of  
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non-product compliance questions.

**Search Parts in this Series**

[52991Series](#)

**Mates With**

Board-to-Board SlimStack™ Plug [53748](#) ,  
[53916](#) , [501920](#)

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