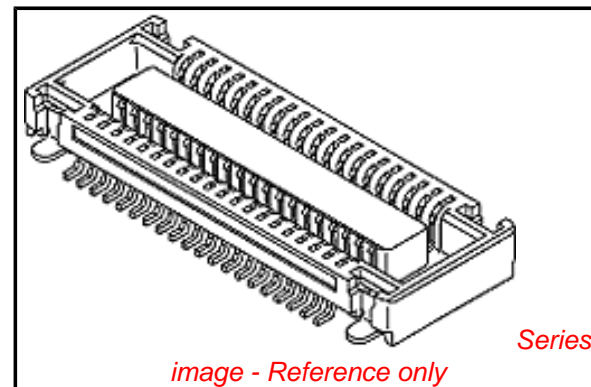


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**Part Number:** [54363-0778](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.50mm Pitch Board-to-Board Connectors  
**Description:** 0.50mm Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 2.00 and 3.00mm Stacking Heights, with Solder Tabs, 70 Circuits

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                 | <a href="#">Product Specification PS-54363-045 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Product Specification PS-54363-046 (PDF)</a> |
| <a href="#">Product Specification PS-54363-044 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |



**General**

|                |   |
|----------------|---|
| Product Family | PCB Receptacles   |
| Series         | 54363   |
| Application    | Board-to-Board, Signal  |
| Overview       | <a href="#">SlimStack™ 0.50mm Pitch Board-to-Board Connectors</a> |
| Product Name   | SlimStack™  |
| UPC            | 822348104451  |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 70                             |
| Circuits (maximum)             | 70                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 30                             |
| Glow-Wire Compliant            | No                             |
| Lock to Mating Part            | None                           |
| Mated Height                   | 2.00mm                         |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Gold                           |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 244.821/mg                     |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.60mm                         |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 0.50mm                         |
| Pitch - Termination Interface  | 0.50mm                         |
| Plating min - Mating           | 0.254µm                        |
| Plating min - Termination      | 0.102µm                        |
| Polarized to PCB               | No                             |
| Surface Mount Compatible (SMC) | N/A                            |
| Temperature Range - Operating  | -25°C to +85°C                 |
| Termination Interface: Style   | Surface Mount                  |

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                       |  |
|-----------------------|--|
| Product Specification | PS-54363-044, PS-54363-045, PS-54363-046, RPS-54363-044, RPS-54363-047 |
| Sales Drawing         | SD-54363-038, SD-54363-039   |

|   |                       |
|---|-----------------------|
| <b>EU RoHS</b><br><b>ELV and RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br><b>Contains SVHC: No</b><br><b>Low-Halogen Status</b><br><b>Low-Halogen</b> | <b>China RoHS</b><br> |
|---|-----------------------|

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

54363Series

**Mates With**

55650 PCB Header

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