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**Part Number:** [0524651471](#)  
**Status:** **Active**  
**Description:** 0.80mm Pitch Board-to-Board Receptacle, Surface Mount, Dual Row, 14 Circuits

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                 | <a href="#">Product Specification PS-52465-015 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Packaging Specification SPK-52465-002 (PDF)</a> |
| <a href="#">Product Specification PS-52465-010 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>        |
| <a href="#">Product Specification PS-52465-014 (PDF)</a> |   |

**General**

|                |                        |
|----------------|------------------------|
| Product Family | PCB Receptacles        |
| Series         | <a href="#">52465</a>  |
| Application    | Board-to-Board, Signal |
| Product Name   | N/A                    |
| UPC            | 822348142941           |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 14                             |
| Circuits (maximum)             | 14                             |
| Color - Resin                  | Natural                        |
| Durability (mating cycles max) | 30                             |
| Glow-Wire Compliant            | No                             |
| Mated Height                   | 4.50mm, 5.65mm                 |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 148.200/mg                     |
| 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       | 0.80mm                         |
| Plating min - Mating           | 1.016µm                        |
| Plating min - Termination      | 1.016µm                        |
| Polarized to PCB               | No                             |
| Surface Mount Compatible (SMC) | N/A                            |
| Temperature Range - Operating  | -20°C to +105°C                |
| Termination Interface: Style   | Surface Mount                  |

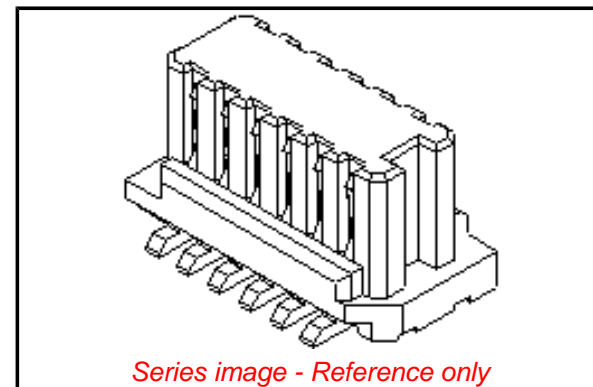
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                         |  |
|-------------------------|--|
| Packaging Specification | SPK-52465-002  |
| Product Specification   | PS-52465-010, PS-52465-014, PS-52465-015,<br>RPS-52465-042, RPS-52465-044, RPS-52465-045,<br>RPS-52465-047, RPS-52465-048, RPS-52465-049,<br>RPS-52465-052, RPS-52465-055, RPS-52465-058 |
| Sales Drawing           | SD-52465-028, SD-52465-029   |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014  
December 17): No

**Halogen-Free**

**Status**

**Not Low-Halogen**

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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

Green Image

Not Relevant

**Search Parts in this Series**

[52465](#) Series

**Mates With**

53307 , 53309

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