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**Part Number:** **0524651271**  
**Status:** **Active**  
**Description:** 0.80mm Pitch Board-to-Board Receptacle, Surface Mount, Dual Row, 12 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-52465-015-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-52465-002-001 (PDF)</a>
<a href="#">Product Specification PS-52465-010-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-52465-014-001 (PDF)</a>	

**General**

Product Family	PCB Receptacles
Series	<a href="#">52465</a>
Application	Board-to-Board, Signal
Product Name	N/A
UPC	822348142934

**Physical**

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height	4.50mm, 5.65mm, 7.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	128.500/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	-40°C to +105°C
Termination Interface: Style	Surface Mount

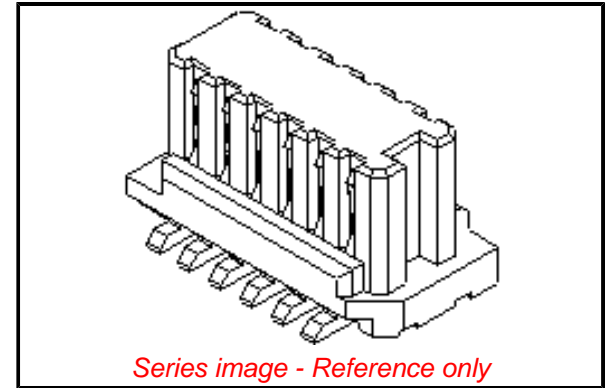
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-52465-002-001
Product Specification	PS-52465-010-001, PS-52465-014-001, PS-52465-015-001
Sales Drawing	SD-52465-028, SD-52465-029



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Not 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[52465 Series](#)

**Mates With**

[53364](#) , [53307](#) , [53309](#)

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