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**Part Number:** [0524651071](#)  
**Status:** **Active**  
**Description:** 0.80mm Pitch Board-to-Board Receptacle, Surface Mount, Dual Row, 10 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	822348142927

**Physical**

Circuits (Loaded)	10
Circuits (maximum)	10
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	108.800/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

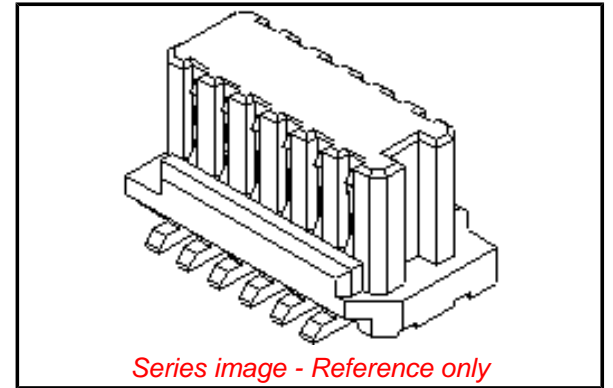
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-52465-002
Product Specification	PS-52465-010, PS-52465-014, PS-52465-015, RPS-52465-042, RPS-52465-044, RPS-52465-045, RPS-52465-047, RPS-52465-048, RPS-52465-049, RPS-52465-052, RPS-52465-053, RPS-52465-055, RPS-52465-058
Sales Drawing	SD-52465-028, SD-52465-029



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**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

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[52465](#) Series

**Mates With**

53364 , 53353 , 53307 , 53309

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