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Part Number: [0524651871](#)
Status: **Active**
Description: 0.80mm (.031") Pitch Board-to-Board Receptacle, Surface Mount, Dual Row, 18 Circuits, Lead-free

Documents:

3D Model	Product Specification PS-52465-014 (PDF)
Drawing (PDF)	Product Specification PS-52465-015 (PDF)
Product Specification PS-52465-010 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	52465
Application	Board-to-Board
Product Name	N/A

Physical

Circuits (Loaded)	18
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height (in)	0.177 In
Mated Height (in)	0.222 In
Mated Height (in)	0.256 In
Mated Height (mm)	4.50 mm
Mated Height (mm)	5.65 mm
Mated Height (mm)	7.00 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.031 In
Pitch - Mating Interface (mm)	0.80 mm
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Polarized to PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Surface Mount

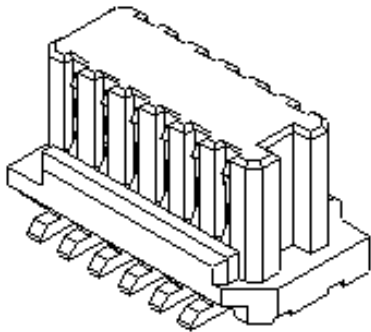
Electrical

Current - Maximum	0.5A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers

Product Specification	PS-52465-010
Product Specification	PS-52465-014
Product Specification	PS-52465-015
Product Specification	RPS-52465-042



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No
Halogen-Free
Status**

China RoHS



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environmental compliance?**

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non-product compliance questions.

Search Parts in this Series
[52465 Series](#)

Mates With
[53364](#) , [53353](#) , [53307](#) , [53309](#)

Product Specification	RPS-52465-044
Product Specification	RPS-52465-045
Product Specification	RPS-52465-047
Product Specification	RPS-52465-048
Product Specification	RPS-52465-049
Sales Drawing	SD-52465-028
Sales Drawing	SD-52465-029

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