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Part Number: [52465-1870](#)
Status: **Active**
Description: 0.80mm Pitch Board-to-Board Receptacle, Surface Mount, Dual Row, 18 Circuits, Lead-Free, with Locating Peg

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, Signal
Product Name	N/A

Physical

Circuits (Loaded)	18
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Lock to Mating Part	None
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
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
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

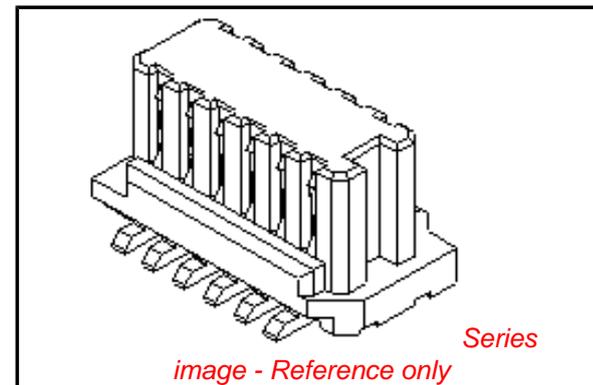
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-52465-010, PS-52465-014, PS-52465-015, RPS-52465-042, RPS-52465-048, RPS-52465-049
Sales Drawing	SD-52465-024, SD-52465-025



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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.

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Mates With

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