

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0533091470](#)
Status: **Active**
Description: 0.80mm (.031") Pitch Board-to-Board Header, Surface Mount, Dual Row, Right Angle, Lead-free, 14 Circuits

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-52465-014 \(PDF\)](#)
[Product Specification PS-52588-031 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

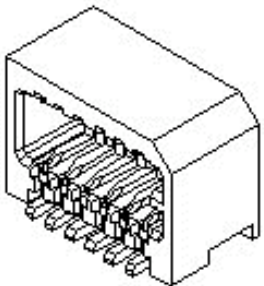
Product Family PCB Headers
Series [53309](#)
Application Board-to-Board
Product Name N/A

Physical

Breakaway No
Circuits (Loaded) 14
Circuits (maximum) 14
Color - Resin Natural
Durability (mating cycles max) 30
First Mate / Last Break No
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Mated Height (in) 0.222 In
Mated Height (mm) 5.65 mm
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Right Angle
PC Tail Length (in) 0.016 In
PC Tail Length (in) 0.020 In
PC Tail Length (mm) 0.40 mm
PC Tail Length (mm) 0.50 mm
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
Shrouded Fully
Stackable No
Temperature Range - Operating -20°C to +105°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum 0.5A
Voltage - Maximum 50V



Series image - Reference only

EU RoHS

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

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[53309](#) Series

Mates With

[52465](#) Board-to-Board Receptacle

Material Info

Reference - Drawing Numbers

Product Specification	PS-52465-014
Product Specification	PS-52588-031
Product Specification	RPS-52465-042
Product Specification	RPS-52465-047
Product Specification	RPS-52465-049
Product Specification	RPS-52588-040
Product Specification	RPS-52588-041
Sales Drawing	SD-53309-011
Sales Drawing	SD-53309-012

This document was generated on 11/05/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION