

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0533094070](#)
Status: **Active**
Description: 0.80mm (.031") Pitch Board-to-Board Header, Surface Mount, Dual Row, Right Angle, Lead-free, 40 Circuits

Documents:

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

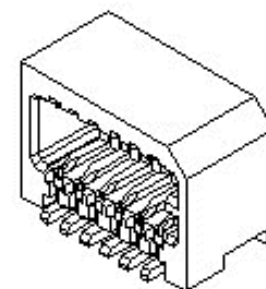
General

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

Physical

Breakaway No
 Circuits (Loaded) 40
 Circuits (maximum) 40
 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 (in) 0.262 In
 Mated Height (mm) 5.65 mm
 Mated Height (mm) 6.65 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



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

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

Board-to-Board Receptacle [52465](#) , [52588](#)

Current - Maximum	0.5A
Voltage - Maximum	50V

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