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

Documents:

| | |
|--|---|
| 3D Model | Product Specification PS-52588-031 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-53309-001 (PDF) |
| Product Specification PS-52465-014 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|----------------|------------------------|
| Product Family | PCB Headers |
| Series | 53309 |
| Application | Board-to-Board, Signal |
| Product Name | N/A |
| UPC | 822348124251 |

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 | 5.65mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 258.815/mg |
| Number of Rows | 2 |
| Orientation | Right Angle |
| PC Tail Length | 0.40mm, 0.50mm |
| PCB Locator | No |
| PCB Retention | None |
| 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 |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Surface Mount |

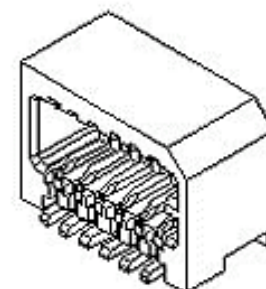
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|---------------|
| Packaging Specification | SPK-53309-001 |
|-------------------------|---------------|



Series image - Reference only

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
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[53309](#) Series

Mates With

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

Product Specification

PS-52465-014, PS-52588-031, RPS-52465-042,
RPS-52465-047, RPS-52465-049, RPS-52588-040,
RPS-52588-041
SD-53309-011, SD-53309-012

Sales Drawing

This document was generated on 03/07/2016

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