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**Part Number:** [0533093270](#)  
**Status:** **Active**  
**Description:** 0.80mm Pitch Board-to-Board Header, Surface Mount, Dual Row, Right Angle, 32 Circuits

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family PCB Headers  
Series [53309](#)  
Application Board-to-Board, Signal  
Product Name N/A  
UPC 822348124336

**Physical**

Breakaway No  
Circuits (Loaded) 32  
Circuits (maximum) 32  
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 938.440/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

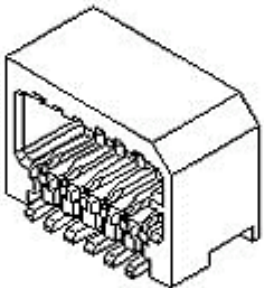
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing SD-53309-011, SD-53309-012



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

Email [productcompliance@molex.com](mailto: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

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