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Part Number: [0533091670](#)
Status: **Active**
Description: 0.80mm Pitch Board-to-Board Header, Surface Mount, Dual Row, Right Angle, 16 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	822348124268

Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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	294.824/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

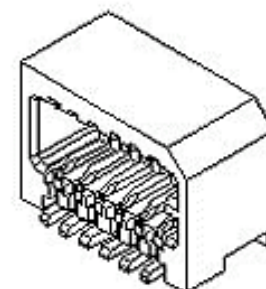
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-53309-001
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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

Sales Drawing

PS-52465-014, PS-52588-031, RPS-52465-042,
RPS-52465-047, RPS-52465-049, RPS-52465-054,
RPS-52588-040, RPS-52588-041
SD-53309-011, SD-53309-012

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