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Part Number:

0559090374

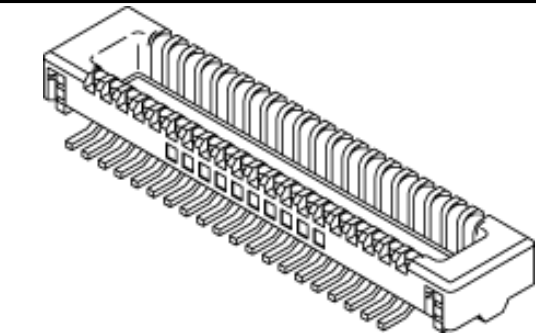
Status:

Active

Overview:

Description:

0.40mm (.016") Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Dual Row, Vertical Stacking, Lead-free, 30 Circuits



Series image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-51338-002 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	55909
Application	Board-to-Board
Comments	Solder Tab Plating: Tin
Overview	SlimStack™;
Product Name	SlimStack™

Physical

Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
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)	0.059 In
Mated Height (in)	0.071 In
Mated Height (mm)	1.50 mm
Mated Height (mm)	1.80 mm
Material - Metal	Brass
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.020 In
PC Tail Length (mm)	0.50 mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.016 In
Pitch - Mating Interface (mm)	0.40 mm
Plating min: Mating (µin)	10
Plating min: Mating (µm)	0.25
Plating min: Termination (µin)	4
Plating min: Termination (µm)	0.1
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

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

[55909](#) Series

Mates With

Board-to-Board SlimStack™ Receptacle
[51338](#) , [500913](#)

Current - Maximum	0.3A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers

Product Specification	PS-51338-002
Product Specification	RPS-500913-003
Product Specification	RPS-500913-005
Product Specification	RPS-51338-001
Product Specification	RPS-51338-002
Product Specification	RPS-51338-005
Product Specification	RPS-51338-007
Product Specification	RPS-51338-008
Product Specification	RPS-51338-012
Product Specification	RPS-51338-013
Product Specification	RPS-51338-018
Product Specification	RPS-51338-019
Product Specification	RPS-51338-020
Product Specification	RPS-51338-022
Product Specification	RPS-51338-024
Product Specification	RPS-51338-025
Product Specification	RPS-51338-026
Product Specification	RPS-51338-027
Product Specification	RPS-55909-001
Sales Drawing	SD-55909-003
Sales Drawing	SD-55909-004

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