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Part Number:

55909-0374

Status:

Active

Overview:

SlimStack™ 0.40mm Pitch Board-to-Board Connectors

Description:

0.40mm Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Dual Row, Vertical Stacking, Lead-Free, 30 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-51338-002 (PDF)

Packaging Specification SPK-55909-001 (PDF)

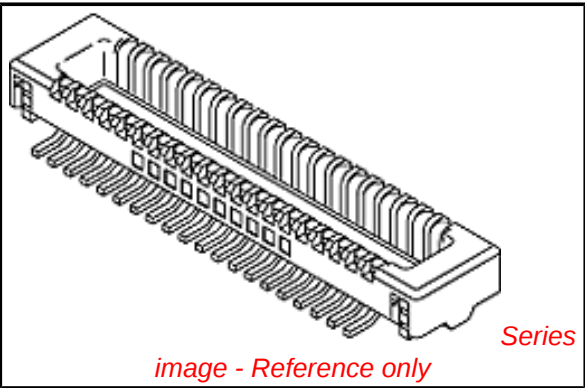
RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	55909
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Tin
Overview	<u>SlimStack™ 0.40mm Pitch Board-to-Board Connectors</u>
Product Name	SlimStack™
UPC	822348176069

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
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	1.50mm, 1.80mm
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	30.100/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Stackable	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	0.3A
Voltage - Maximum	50V

Material Info	
Reference - Drawing Numbers	
Packaging Specification	SPK-55909-001
Product Specification	PS-51338-002, RPS-500913-003, RPS-500913-005, RPS-51338-001, RPS-51338-002, RPS-51338-005, RPS-51338-007, RPS-51338-008, RPS-51338-012, RPS-51338-013, RPS-51338-018, RPS-51338-019,



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series

55909Series

Mates With

Board-to-Board SlimStack™ Receptacle

51338 , 500913

Sales Drawing

RPS-51338-020, RPS-51338-022, RPS-51338-025,
RPS-51338-026, RPS-51338-027, RPS-51338-030,
RPS-51338-031, RPS-51338-040, RPS-55909-001
SD-55909-003, SD-55909-004

This document was generated on 04/16/2013

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