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Part Number: [53748-0708](#)
Status: **Active**
Overview: SlimStack™ 0.50mm Pitch Board-to-Board Connectors
Description: 0.50mm Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 3.00mm Stack Height, 70 Circuits, without Vacuum Pick-up Tape

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-52991-003 \(PDF\)](#)
[Packaging Specification SPK-53748-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	53748
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.50mm Pitch Board-to-Board Connectors
Product Name	SlimStack™
UPC	800754359627

Physical

Breakaway	No
Circuits (Loaded)	70
Circuits (maximum)	70
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	3.00mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	365.600/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.102µm
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

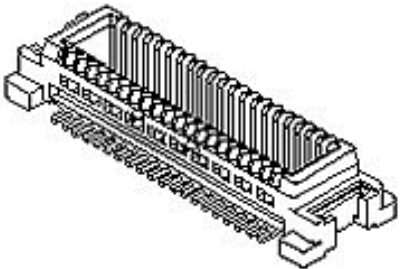
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-53748-001
Product Specification	PS-52991-003, RPS-52991-013, RPS-52991-019
Sales Drawing	SD-53748-002, SD-53748-005



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



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non-product compliance questions.

Search Parts in this Series

[53748Series](#)

Mates With

SlimStack™ Receptacle [52991](#) , [54167](#)

This document was generated on 10/13/2014

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