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Part Number: 0529910408

Status: **Active**

Overview: SlimStack™ 0.50mm Pitch Board-to-Board Connectors

Description: 0.50mm Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 3.00 and 4.00mm Stacking Heights, Lower Circuit Size Version, White, 40 Circuits

Documents:

3D Model	Product Specification PS-54167-002-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-52991-001-001 (PDF)
Product Specification PS-52991-003-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-52991-008-001 (PDF)	

Series image - Reference only
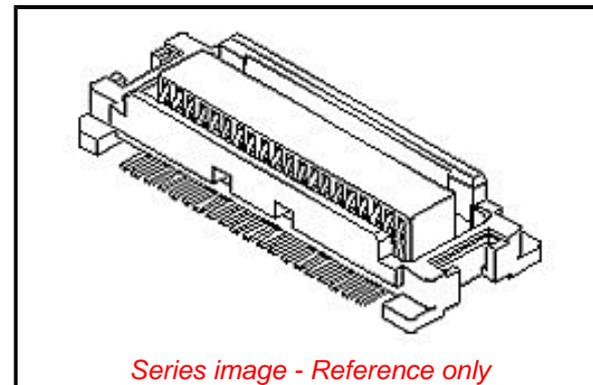
Agency Certification

UL	E29179

General

Product Family	PCB Receptacles
Series	52991
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.50mm Pitch Board-to-Board Connectors
Product Name	SlimStack™
UPC	800754318518

Physical

Circuits (Loaded)	40
Circuits (maximum)	40
Glow-Wire Compliant	No
Mated Height	3.00mm, 4.00mm
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	161.101/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.102µm
Plating min - Termination	0.254µm
Polarized to PCB	No
Surface Mount Compatible (SMC)	N/A
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-52991-001-001
Product Specification	PS-52991-003-001, PS-52991-008-001, PS-54167-002-001
Sales Drawing	SD-52991-004, SD-52991-005

EU ELV
Not Relevant

EU RoHS   China RoHS
Compliant

REACH SVHC
Not Contained Per
-ED/01/2017 (12
January 2017)

**Halogen-Free
Status**
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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
52991 Series

Mates With
Board-to-Board SlimStack™ Plug 53748 ,
53916 , 501920