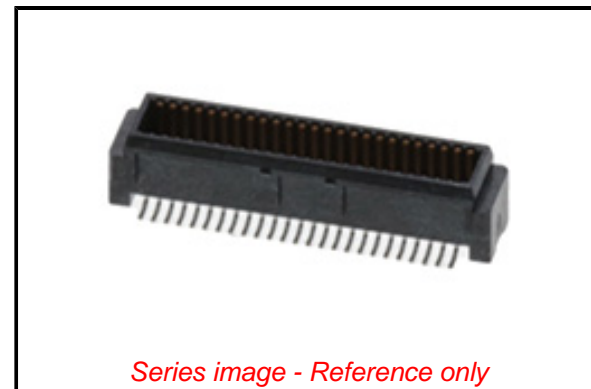


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Part Number: **5019205001**
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: 0.50mm Pitch SlimStack Board-to-Board Plug, Surface Mount, Dual Row, Vertical Stacking, 4.00mm Stack Height, without Solder Tabs, 50 Circuits

Documents:

Drawing (PDF)	Packaging Specification 5019209200-200 (PDF)
3D Model (PDF)	Datasheet (PDF)
3D Model	RoHS Certificate of Compliance (PDF)
Product Specification PS-52991-008-001 (PDF)	



General

Product Family	PCB Headers
Series	501920
Application	Board-to-Board, Signal
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.5, BB H3/4
Taxonomy	Board-to-Board Connectors
UPC	883906031961

Physical

Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	4.00mm
Mated Width	5.40mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	139.550/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Polarized to Mating Part	No
Polarized to PCB	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	5019209200-200
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[501920 Series](#)

Mates With

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

Product Specification
Sales Drawing

PS-52991-008-001
SD-501920-001-001, SD-501920-002-001,
SD-501920-003-001

This document was generated on 08/31/2022

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