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Part Number:

5019204001

Status:

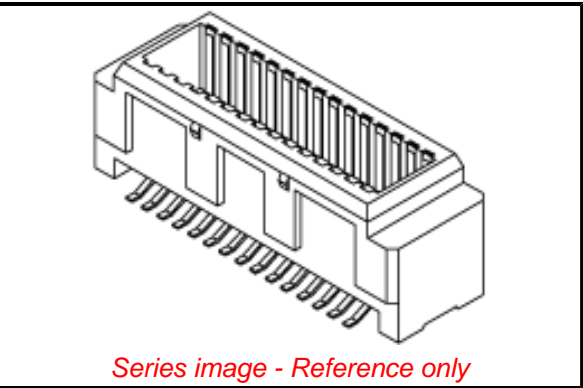
Active

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, 40 Circuits



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

| | |
|--------------------------------|--|
| Agency Certification | |
| UL | E29179 |
| 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 |
| UPC | 800756751757 |
| Physical | |
| Breakaway | No |
| Circuits (Loaded) | 40 |
| Circuits (maximum) | 40 |
| 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 | 122.900/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 | |

| | |
|---|---------------|
| EU ELV | |
| Not Relevant | |
| EU RoHS | China RoHS |
| Compliant | |
| REACH SVHC | |
| Not Contained Per - D(2021)4569-DC (8 July 2021) | |
| Halogen-Free | |
| Status | |
| Low-Halogen | |
| For more information, please visit Contact US | |
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

501920 Series

Mates With

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

Reference - Drawing Numbers

| | |
|-------------------------|--------------------------------------|
| Packaging Specification | 5019209200-200 |
| Product Specification | PS-52991-008-001 |
| Sales Drawing | SD-501920-001-001, SD-501920-002-001 |

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