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Part Number:

5010171008

Status:

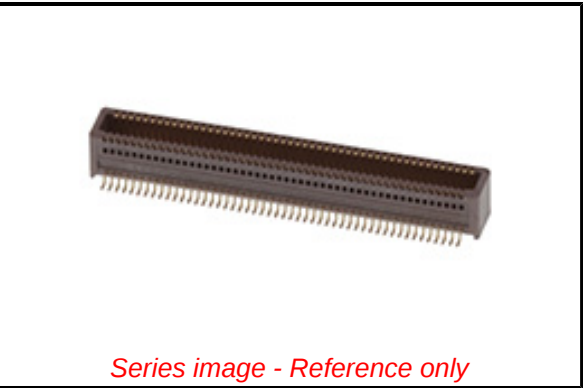
Active

Overview:

SlimStack Board-to-Board/Board-to-FPC Connectors

Description:

SlimStack Board-to-Board Plug, 0.40mm Pitch, Surface Mount, Dual Row, Vertical, 4.00mm Stacking Height, 100 Circuits



Documents:

Drawing (PDF)

3D Model

3D Model (PDF)

Product Specification PS-54684-008-001 (PDF)

Packaging Specification SPK-501017-001-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| General                        |                                                  |
| Product Family                 | PCB Headers                                      |
| Series                         | 501017                                           |
| Application                    | Board-to-Board, Signal                           |
| Component Type                 | PCB Header                                       |
| Overview                       | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name                   | SlimStack                                        |
| Series Name                    | 0.4, BB H4                                       |
| Taxonomy                       | Board-to-Board Connectors                        |
| UPC                            | 822348414185                                     |
| Physical                       |                                                  |
| Breakaway                      | No                                               |
| Circuits (Loaded)              | 100                                              |
| Circuits (maximum)             | 100                                              |
| Color - Resin                  | Brown                                            |
| Durability (mating cycles max) | 30                                               |
| Glow-Wire Capable              | No                                               |
| Lock to Mating Part            | None                                             |
| Mated Height                   | 4.00mm                                           |
| Mated Width                    | 5.10mm                                           |
| Material - Metal               | Phosphor Bronze                                  |
| Material - Plating Mating      | Gold                                             |
| Material - Plating Termination | Gold                                             |
| Net Weight                     | 200.000/mg                                       |
| Number of Rows                 | 2                                                |
| Orientation                    | Vertical                                         |
| PCB Locator                    | No                                               |
| PCB Retention                  | None                                             |
| Packaging Type                 | Embossed Tape on Reel                            |
| Pitch - Mating Interface       | 0.40mm                                           |
| Pitch - Termination Interface  | 0.40mm                                           |
| Polarized to Mating Part       | No                                               |
| Polarized to PCB               | No                                               |
| Temperature Range - Operating  | -25° to +105°C                                   |
| Termination Interface: Style   | Surface Mount                                    |
| Electrical                     |                                                  |
| Current - Maximum per Contact  | 0.3A                                             |
| Voltage - Maximum              | 30V AC (RMS)/DC                                  |
| Material Info                  |                                                  |
| Reference - Drawing Numbers    |                                                  |
| Packaging Specification        | SPK-501017-001-001                               |
| Product Specification          | PS-54684-008-001                                 |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

501017 Series

Mates With

SlimStack Receptacle [54684](#)

Sales Drawing

SD-501017-001-001, SD-501017-001-002,  
SD-501017-002-001, SD-501017-002-002,  
SD-501017-002-003, SD-501017-002-004,  
SD-501017-006-001, SD-501017-006-002

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