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Part Number:

0533092870

Status:

Active

Overview:

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

Description:

SlimStack Board-to-Board Connector, 0.80mm Pitch, Plug, 5.65 or 6.65mm Mated Height, 28 Circuits, Right-Angle, without Boss

- Documents:
- 3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-52465-014-001 (PDF)

Product Specification PS-52588-031-001 (PDF)

Product Specification PS-52588-032-001 (PDF)

Packaging Specification SPK-53309-001-001 (PDF)

Datasheet (PDF)

Product Guide (PDF)

RoHS Certificate of Compliance (PDF)

Reference Guide (PDF)

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| General                        |                                                  |
| Product Family                 | PCB Headers                                      |
| Series                         | 53309                                            |
| Application                    | Board-to-Board, Signal                           |
| Overview                       | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name                   | SlimStack                                        |
| Series Name                    | 0.8 and above                                    |
| UPC                            | 822348124312                                     |
| Physical                       |                                                  |
| Breakaway                      | No                                               |
| Circuits (Loaded)              | 28                                               |
| Circuits (maximum)             | 28                                               |
| Color - Resin                  | Natural                                          |
| Durability (mating cycles max) | 30                                               |
| First Mate / Last Break        | No                                               |
| Glow-Wire Capable              | No                                               |
| Guide to Mating Part           | No                                               |
| Keying to Mating Part          | None                                             |
| Lock to Mating Part            | Yes                                              |
| Mated Height                   | 5.65mm, 6.65mm                                   |
| Mated Width                    | 4.70mm, 7.20mm                                   |
| Material - Metal               | Phosphor Bronze                                  |
| Material - Plating Mating      | Tin                                              |
| Material - Plating Termination | Tin                                              |
| Material - Resin               | High Temperature Thermoplastic                   |
| Net Weight                     | 826.260/mg                                       |
| Number of Rows                 | 2                                                |
| Orientation                    | Right Angle                                      |
| PC Tail Length                 | 0.40mm, 0.50mm                                   |
| PCB Locator                    | No                                               |
| PCB Retention                  | None                                             |
| Packaging Type                 | Embossed Tape on Reel                            |
| Pitch - Mating Interface       | 0.80mm                                           |
| Plating min - Mating           | 1.016µm                                          |
| Plating min - Termination      | 1.016µm                                          |
| Polarized to PCB               | No                                               |
| Shrouded                       | Fully                                            |
| Temperature Range - Operating  | -40° to +105°C                                   |
| Termination Interface: Style   | Surface Mount                                    |
| Electrical                     |                                                  |
| Current - Maximum per Contact  | 0.5A                                             |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free

Status

Not 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

53309 Series

Mates With

52465 , 52588 Board-to-Board Receptacle

|                                    |                                                         |
|------------------------------------|---------------------------------------------------------|
| Voltage - Maximum                  | 50V                                                     |
| <b>Material Info</b>               |                                                         |
| <b>Reference - Drawing Numbers</b> |                                                         |
| Packaging Specification            | SPK-53309-001-001                                       |
| Product Specification              | PS-52465-014-001, PS-52588-031-001,<br>PS-52588-032-001 |
| Sales Drawing                      | 533090000-000, 533091000-000                            |

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