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Part Number:

0533071471

Status:

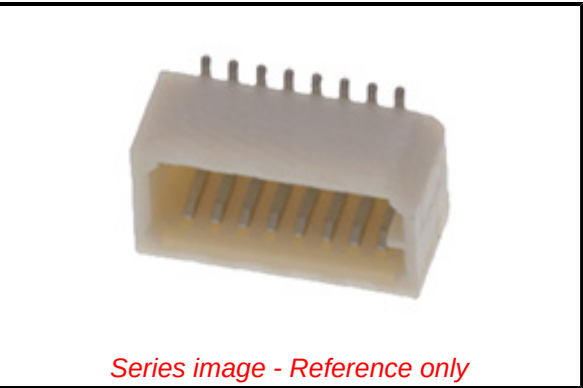
Active

Overview:

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

Description:

SlimStack Board-to-Board Connector, 0.80mm Pitch, Plug, 4.50 or 5.50mm Mated Height, 14 Circuits, Vertical, without Boss



|                                                              |                                                                 |
|--------------------------------------------------------------|-----------------------------------------------------------------|
| Documents:                                                   |                                                                 |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification SPK-53307-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Datasheet (PDF)</a>                                 |
| <a href="#">3D Model</a>                                     | <a href="#">Product Guide (PDF)</a>                             |
| <a href="#">Product Specification PS-52465-015-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Product Specification PS-52588-031-001 (PDF)</a> | <a href="#">Reference Guide (PDF)</a>                           |

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| General                        |                                                  |
| Product Family                 | PCB Headers                                      |
| Series                         | 53307                                            |
| Application                    | Board-to-Board, Signal                           |
| Overview                       | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name                   | SlimStack                                        |
| Series Name                    | 0.8 and above                                    |
| UPC                            | 822348180455                                     |
| Physical                       |                                                  |
| Breakaway                      | No                                               |
| Circuits (Loaded)              | 14                                               |
| Circuits (maximum)             | 14                                               |
| Color - Resin                  | Natural                                          |
| First Mate / Last Break        | No                                               |
| Glow-Wire Capable              | No                                               |
| Guide to Mating Part           | No                                               |
| Keying to Mating Part          | None                                             |
| Lock to Mating Part            | None                                             |
| Mated Height                   | 4.50mm, 5.50mm                                   |
| Mated Width                    | 5.10mm, 7.20mm                                   |
| Material - Metal               | Phosphor Bronze                                  |
| Material - Plating Mating      | Tin                                              |
| Material - Plating Termination | Tin                                              |
| Material - Resin               | High Temperature Thermoplastic                   |
| Net Weight                     | 213.300/mg                                       |
| Number of Rows                 | 2                                                |
| Orientation                    | Vertical                                         |
| PCB Locator                    | No                                               |
| PCB Retention                  | None                                             |
| Packaging Type                 | Embossed Tape on Reel                            |
| Pitch - Mating Interface       | 0.80mm                                           |
| Pitch - Termination Interface  | 0.80mm                                           |
| Plating min - Mating           | 3.048µm                                          |
| Plating min - Termination      | 3.048µm                                          |
| 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                                             |
| Voltage - Maximum              | 50V                                              |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China 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 <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

53307 Series

Mates With

Board-to-Board Receptacle [52465](#) , [52588](#)

**Material Info**

**Reference - Drawing Numbers**

|                         |                                    |
|-------------------------|------------------------------------|
| Packaging Specification | SPK-53307-001-001                  |
| Product Specification   | PS-52465-015-001, PS-52588-031-001 |
| Sales Drawing           | SD-53307-014-001, SD-53307-015-001 |

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