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Part Number:

0533071671

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, 16 Circuits, Vertical, without Boss

Documents:

|                                                              |                                                                 |
|--------------------------------------------------------------|-----------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Packaging Specification SPK-53307-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Datasheet (PDF)</a>                                 |
| <a href="#">3D Model (PDF)</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

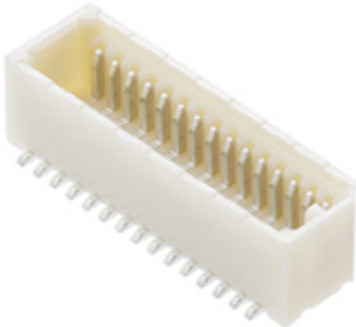
|                |                                                  |
|----------------|--------------------------------------------------|
| Product Family | PCB Headers                                      |
| Series         | 53307                                            |
| Application    | Board-to-Board, Signal                           |
| Overview       | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name   | SlimStack                                        |
| Series Name    | 0.8 and above                                    |
| UPC            | 822348180462                                     |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 16                             |
| Circuits (maximum)             | 16                             |
| 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                     | 237.600/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  |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2020)9139-DC (19  
Jan 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

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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