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Part Number:

0559090574

Status:

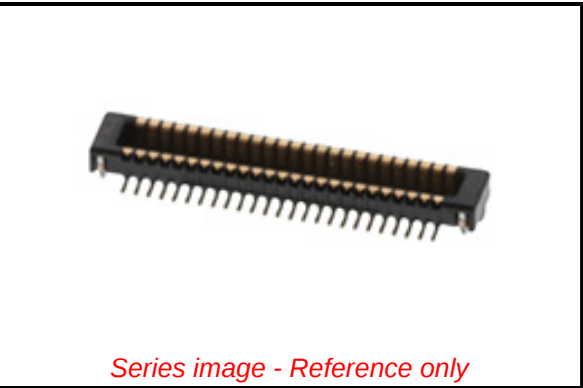
Active

Overview:

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

Description:

SlimStack Board-to-Board Plug, 0.40mm Pitch, J-Bend Series, 0.20µm Gold (Au) Plating, 1.50 or 1.80mm Mated Height, 3.40 or 4.20mm Mated Width, 50 Circuits



|                                                               |                                                                 |
|---------------------------------------------------------------|-----------------------------------------------------------------|
| Documents:                                                    |                                                                 |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Product Specification PS-51338-002-001 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification SPK-55909-001-001 (PDF)</a> |
| <a href="#">3D Model</a>                                      | <a href="#">Datasheet (PDF)</a>                                 |
| <a href="#">2D Drawing (DXF)</a>                              | <a href="#">Product Guide (PDF)</a>                             |
| <a href="#">2D Drawing DXF (PDF)</a>                          | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Product Specification PS-500913-001-001 (PDF)</a> | <a href="#">Reference Guide (PDF)</a>                           |

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| General                        |                                                  |
| Product Family                 | PCB Headers                                      |
| Series                         | 55909                                            |
| Application                    | Board-to-Board, Signal                           |
| Comments                       | Solder Tab Plating: Tin                          |
| Overview                       | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name                   | SlimStack                                        |
| Series Name                    | 0.4, J-Bend                                      |
| UPC                            | 822348176090                                     |
| Physical                       |                                                  |
| Breakaway                      | No                                               |
| Circuits (Loaded)              | 50                                               |
| Circuits (maximum)             | 50                                               |
| Color - Resin                  | Black                                            |
| Durability (mating cycles max) | 30                                               |
| Glow-Wire Capable              | No                                               |
| Lock to Mating Part            | Yes                                              |
| Mated Height                   | 1.50mm, 1.80mm                                   |
| Mated Width                    | 3.40mm, 4.20mm                                   |
| Material - Metal               | Brass                                            |
| Material - Plating Mating      | Gold                                             |
| Material - Plating Termination | Gold                                             |
| Net Weight                     | 46.110/mg                                        |
| Number of Rows                 | 2                                                |
| Orientation                    | Vertical                                         |
| PCB Locator                    | No                                               |
| PCB Retention                  | Yes                                              |
| Packaging Type                 | Embossed Tape on Reel                            |
| Pitch - Mating Interface       | 0.40mm                                           |
| Pitch - Termination Interface  | 0.40mm                                           |
| Temperature Range - Operating  | -40° to +105°C                                   |
| Termination Interface: Style   | Surface Mount                                    |
| Electrical                     |                                                  |
| Current - Maximum per Contact  | 0.3A                                             |
| Voltage - Maximum              | 50V AC (RMS)/DC                                  |
| Material Info                  |                                                  |
| Reference - Drawing Numbers    |                                                  |
| Packaging Specification        | SPK-55909-001-001                                |
| Product Specification          | PS-500913-001-001, PS-51338-002-001              |
| Sales Drawing                  | 559090074-000, SD-55909-003-001                  |

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

Search Parts in this Series

55909 Series

Mates With

SlimStack J-Bend Receptacle [51338](#) , [500913](#)

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