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Part Number:

0513380974

Status:

Active

Overview:

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

Description:

SlimStack Board-to-Board Receptacle, 0.40mm Pitch, J-Bend Series, 0.20µm Gold (Au) Plating, 1.50 or 2.00mm Mated Height, 3.40mm Mated Width, 90 Circuits

Documents:

- Drawing (PDF)

3D Model

2D Drawing (DXF)

2D Drawing DXF (PDF)

3D Model (PDF)

Product Specification PS-51338-002-001 (PDF)
- Packaging Specification SPK-51338-001-001 (PDF)

Datasheet (PDF)

Product Guide (PDF)

RoHS Certificate of Compliance (PDF)

Reference Guide (PDF)

General

|                |                                                  |
|----------------|--------------------------------------------------|
| Product Family | PCB Receptacles                                  |
| Series         | 51338                                            |
| Application    | Board-to-Board, Signal                           |
| Comments       | Solder Tab Plating: Tin (Sn) over Nickel         |
| Overview       | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name   | SlimStack                                        |
| Series Name    | 0.4, J-Bend                                      |
| UPC            | 822348865338                                     |

Physical

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 90                    |
| Circuits (maximum)             | 90                    |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| Glow-Wire Capable              | No                    |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 1.50mm, 2.00mm        |
| Mated Width                    | 3.40mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 143.061/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                |
| Plating min - Mating           | 0.200µm               |
| Polarized to Mating Part       | No                    |
| Polarized to PCB               | No                    |
| Surface Mount Compatible (SMC) | Yes                   |
| 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



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

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

51338 Series

Mates With

SlimStack J-Bend Plug 55909

Packaging Specification  
Product Specification  
Sales Drawing

SPK-51338-001-001  
PS-51338-002-001  
SD-51338-003-001, SD-51338-004-001

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