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Part Number:

5050705422

Status:

Active

Overview:

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

Description:

SlimStack Board-to-Board Plug, 0.35mm Pitch, SSB RP Series, 0.60 or 0.70mm Mated Height, 2.00mm Mated Width, 54 Circuits, Armor Nail, 0.15mm Fitting Nail Width

- Documents:
- 2D Drawing (DXF)

3D Model

2D Drawing DXF (PDF)

3D Model (PDF)

Drawing (PDF)

Product Specification 5050660000-014 (PDF)

Application Specification 5050660000-A06 (PDF)

Packaging Specification 5050709200-203 (PDF)

Datasheet (PDF)

Product Guide (PDF)

RoHS Certificate of Compliance (PDF)

Reference Guide (PDF)

|                |                                                  |
|----------------|--------------------------------------------------|
| General        |                                                  |
| Product Family | PCB Headers                                      |
| Series         | 505070                                           |
| Application    | Board-to-Board                                   |
| Overview       | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name   | SlimStack                                        |
| Series Name    | 0.35, SSB RP                                     |
| Taxonomy       | Board-to-Board Connectors                        |
| UPC            | 191128261883                                     |

|                                |                        |
|--------------------------------|------------------------|
| Physical                       |                        |
| Breakaway                      | No                     |
| Circuits (Loaded)              | 54                     |
| Circuits (maximum)             | 54                     |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 30                     |
| Glow-Wire Capable              | No                     |
| Mated Height                   | 0.60mm, 0.70mm         |
| Mated Width                    | 2.00mm                 |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Gold                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 17.271/mg              |
| Number of Rows                 | 2                      |
| Orientation                    | Vertical               |
| PCB Locator                    | No                     |
| PCB Retention                  | Yes                    |
| Packaging Type                 | Embossed Tape on Reel  |
| Pitch - Mating Interface       | 0.35mm                 |
| Pitch - Termination Interface  | 0.35mm                 |
| Plating min - Mating           | 0.100µm                |
| Plating min - Termination      | 0.050µm                |
| Polarized to Mating Part       | No                     |
| Polarized to PCB               | No                     |
| Temperature Range - Operating  | -40° to +85°C          |
| Termination Interface: Style   | Surface Mount          |

|                               |                 |
|-------------------------------|-----------------|
| Electrical                    |                 |
| Current - Maximum per Contact | 0.3A, 3.0A      |
| Voltage - Maximum             | 50V AC (RMS)/DC |

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

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  
505070 Series

Mates With  
SlimStack SSB RP Receptacle 505066 , 505270

**Reference - Drawing Numbers**

|                           |                                |
|---------------------------|--------------------------------|
| Application Specification | 5050660000-A06                 |
| Packaging Specification   | 5050709200-203                 |
| Product Specification     | 5050660000-014                 |
| Sales Drawing             | 5050700000-007, 5050701000-019 |

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