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Part Number:

5050701640

Status:

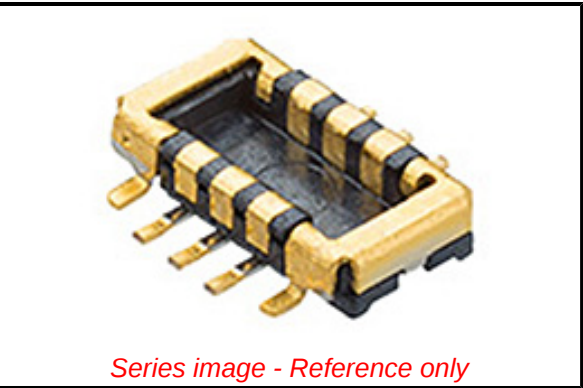
Active

Overview:

SlimStack™ 0.35mm pitch Board-to-Board Connectors

Description:

0.35mm Pitch SlimStack Armor Board-to-Board Plug Connector, Surface Mount, Dual Row, Vertical, 0.60mm or 0.70mm Stacking Height, 2.00mm Width, 0.25mm Fitting Nail Width, 16 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification 5050660000-003 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| General                        |                                                   |
| Product Family                 | PCB Headers                                       |
| Series                         | 505070                                            |
| Application                    | Board-to-Board                                    |
| Overview                       | SlimStack™ 0.35mm pitch Board-to-Board Connectors |
| Product Name                   | SlimStack                                         |
| Series Name                    | SSB6RP, SSB7RP                                    |
| UPC                            | 889056693783                                      |
| Physical                       |                                                   |
| Breakaway                      | No                                                |
| Circuits (Loaded)              | 16                                                |
| Circuits (maximum)             | 16                                                |
| 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 over Nickel                                  |
| Material - Plating Termination | Gold over Nickel                                  |
| Material - Resin               | Liquid Crystal Polymer                            |
| Net Weight                     | 4.829/mg                                          |
| Number of Rows                 | 2                                                 |
| Orientation                    | Vertical                                          |
| PCB Retention                  | Yes                                               |
| Packaging Type                 | Embossed Tape on Reel                             |
| Pitch - Mating Interface       | 0.35mm                                            |
| Plating min - Mating           | 0.102µm                                           |
| Plating min - Termination      | 0.051µm                                           |
| Polarized to Mating Part       | No                                                |
| Polarized to PCB               | No                                                |
| Stackable                      | No                                                |
| Temperature Range - Operating  | -40° to +85°C                                     |
| Termination Interface: Style   | Surface Mount                                     |
| Electrical                     |                                                   |
| Current - Maximum per Contact  | 0.3A                                              |
| Voltage - Maximum              | 50V AC (RMS)/DC                                   |
| Material Info                  |                                                   |
| Reference - Drawing Numbers    |                                                   |
| Product Specification          | 5050660000-003                                    |
| Sales Drawing                  | 5050700000-002, 5050701000-002                    |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/61/2018 (27 June

2018)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

505070 Series

Mates With

SlimStack Armor Receptacle 505066 ,

505270

This document was generated on 08/20/2018

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