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Part Number:

0015247240

Status:

Active

Overview:

Mini-Fit® Products

Description:

Mini-Fit® BMI Receptacle Header, 4.20mm Pitch, Dual Row, Vertical, with Snap-In Plastic Pegs, Post 2.54µm Tin (Sn), UL 94V-2, 24 Circuits



Series image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-5556-002 (PDF)

Test Summary TS-5556-002 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                       |
|--------------------------------|-----------------------|
| <b>Agency Certification</b>    |                       |
| CSA                            | LR19980               |
| UL                             | E29179                |
| <b>General</b>                 |                       |
| Product Family                 | PCB Receptacles       |
| Series                         | 42385                 |
| Application                    | Board-to-Board, Power |
| Comments                       | Solder Type With Pegs |
| Overview                       | Mini-Fit® Products    |
| Product Name                   | Mini-Fit® BMI         |
| UPC                            | 800753535060          |
| <b>Physical</b>                |                       |
| Circuits (Loaded)              | 24                    |
| Circuits (maximum)             | 24                    |
| Color - Resin                  | Natural               |
| Durability (mating cycles max) | 30                    |
| Flammability                   | 94V-2                 |
| Glow-Wire Compliant            | No                    |
| Guide to Mating Part           | Yes                   |
| Keying to Mating Part          | None                  |
| Lock to Mating Part            | None                  |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Tin                   |
| Material - Resin               | Nylon                 |
| Net Weight                     | 4.843/g               |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| PCB Locator                    | Yes                   |
| PCB Retention                  | Yes                   |
| PCB Thickness - Recommended    | 1.20mm                |
| Packaging Type                 | Tray                  |
| Pitch - Mating Interface       | 4.20mm                |
| Pitch - Termination Interface  | 4.20mm                |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | Yes                   |
| Surface Mount Compatible (SMC) | No                    |
| Temperature Range - Operating  | -40°C to +105°C       |
| Termination Interface: Style   | Through Hole          |
| <b>Electrical</b>              |                       |
| Current - Maximum per Contact  | 9.0A                  |
| Grounding to PCB               | No                    |
| Voltage - Maximum              | 600V AC (RMS)/DC      |
| <b>Solder Process Data</b>     |                       |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2015 June 15): No

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

Search Parts in this Series

42385 Series

Mates With

42475 Panel Mount Plug, 42404 Vertical Header, 42440 Vertical Header, 43879 Vertical Header, 44068 Vertical Header

|                                                |                            |
|------------------------------------------------|----------------------------|
| Duration at Max. Process Temperature (seconds) | 005                        |
| Lead-freeProcess Capability                    | WAVE                       |
| Max. Cycles at Max. Process Temperature        | 001                        |
| Process Temperature max. C                     | 240                        |
| <b>Material Info</b>                           |                            |
| Old Part Number                                | 42385-24A1                 |
| <b>Reference - Drawing Numbers</b>             |                            |
| Product Specification                          | PS-5556-002, RPS-42385-001 |
| Sales Drawing                                  | SD-42385-001, SDA-42385-*  |
| Test Summary                                   | TS-5556-002                |

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