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Part Number:

1724470208

Status:

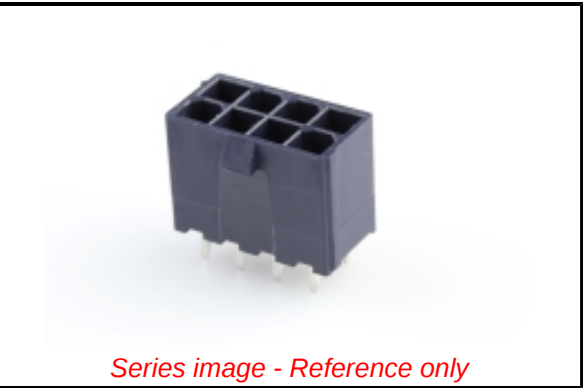
Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Header, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 8 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, Glow-Wire Capable



|                                                             |                                                               |
|-------------------------------------------------------------|---------------------------------------------------------------|
| Documents:                                                  |                                                               |
| <a href="#">3D Model</a>                                    | <a href="#">Packaging Specification PK-5566-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                               | <a href="#">Test Summary TS-5556-002-001 (PDF)</a>            |
| <a href="#">3D Model (PDF)</a>                              | <a href="#">Test Summary TS-5566-002-001 (PDF)</a>            |
| <a href="#">Product Specification PS-5556-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>          |

|                                |                                  |
|--------------------------------|----------------------------------|
| Agency Certification           |                                  |
| CSA                            | LR19980                          |
| UL                             | E29179                           |
| General                        |                                  |
| Product Family                 | PCB Headers                      |
| Series                         | 172447                           |
| Application                    | Power, Wire-to-Board             |
| Overview                       | Mini-Fit Family Power Connectors |
| Product Name                   | Mini-Fit Jr.                     |
| UPC                            | 887191730189                     |
| Physical                       |                                  |
| Breakaway                      | No                               |
| Circuits (Loaded)              | 8                                |
| Circuits (maximum)             | 8                                |
| Color - Resin                  | Black                            |
| Durability (mating cycles max) | 30                               |
| First Mate / Last Break        | No                               |
| Flammability                   | 94V-2                            |
| Glow-Wire Capable              | Yes                              |
| Guide to Mating Part           | No                               |
| Keying to Mating Part          | Yes                              |
| Lock to Mating Part            | Yes                              |
| Material - Metal               | Brass                            |
| Material - Plating Mating      | Tin                              |
| Material - Resin               | Nylon                            |
| Net Weight                     | 1.851/g                          |
| Number of Rows                 | 2                                |
| Orientation                    | Vertical                         |
| PCB Locator                    | Yes                              |
| PCB Retention                  | None                             |
| PCB Thickness - Recommended    | 1.60mm                           |
| Packaging Type                 | Tray                             |
| Pitch - Mating Interface       | 4.20mm                           |
| Pitch - Termination Interface  | 4.20mm                           |
| Polarized to Mating Part       | Yes                              |
| Polarized to PCB               | Yes                              |
| Shrouded                       | Fully                            |
| Stackable                      | No                               |
| Surface Mount Compatible (SMC) | No                               |
| Temperature Range - Operating  | -40° to +105°C                   |
| Termination Interface: Style   | Through Hole                     |
| Electrical                     |                                  |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2021)4569-DC (8 July 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not 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

172447 Series

Mates With

Mini-Fit Jr. Receptacle 46992 . Mini-Fit TPA2 Receptacle 172708

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 9.0A             |
| Voltage - Maximum             | 600V AC (RMS)/DC |

**Solder Process Data**

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 260  |

**Material Info**

**Reference - Drawing Numbers**

|                         |                                  |
|-------------------------|----------------------------------|
| Packaging Specification | PK-5566-001-001                  |
| Product Specification   | PS-5556-001-001                  |
| Sales Drawing           | SD-172447-0000-001               |
| Test Summary            | TS-5556-002-001, TS-5566-002-001 |

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