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Part Number:

46207-1024

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

4.20mm Pitch, Mini-Fit® Jr. Reflow Solder Compatible Header, Dual Row, Vertical, 24 Circuits, 1.57mm PCB Thickness, without PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating, Glow Wire Compliant



Series

image - Reference only

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| Documents:                    |                                                          |
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-46207-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

|                                |                                                                                                                                |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Agency Certification           |                                                                                                                                |
| CSA                            | LR19980                                                                                                                        |
| UL                             | E29179                                                                                                                         |
| General                        |                                                                                                                                |
| Product Family                 | PCB Headers                                                                                                                    |
| Series                         | 46207                                                                                                                          |
| Application                    | Board-to-Board, Power, Wire-to-Board                                                                                           |
| Comments                       | Current for wire-to-wire applications = 13.0A max. per circuit. Current for wire-to-board applications = 9.0A max. per circuit |
| Overview                       | <a href="#">Mini-Fit Jr.™ Power Connectors</a>                                                                                 |
| Product Name                   | Mini-Fit Jr.™                                                                                                                  |
| UPC                            | 883906044572                                                                                                                   |
| Physical                       |                                                                                                                                |
| Breakaway                      | No                                                                                                                             |
| Circuits (Loaded)              | 24                                                                                                                             |
| Circuits (maximum)             | 24                                                                                                                             |
| Color - Resin                  | Black                                                                                                                          |
| Durability (mating cycles max) | 100                                                                                                                            |
| First Mate / Last Break        | No                                                                                                                             |
| Flammability                   | 94V-0                                                                                                                          |
| Glow-Wire Compliant            | Yes                                                                                                                            |
| Guide to Mating Part           | No                                                                                                                             |
| Lock to Mating Part            | Yes                                                                                                                            |
| Material - Metal               | Brass                                                                                                                          |
| Material - Plating Mating      | Nickel                                                                                                                         |
| Material - Plating Termination | Matte Tin                                                                                                                      |
| Material - Resin               | High Temperature Thermoplastic                                                                                                 |
| Net Weight                     | 8.067/g                                                                                                                        |
| Number of Rows                 | 2                                                                                                                              |
| Orientation                    | Vertical                                                                                                                       |
| PC Tail Length                 | 3.66mm                                                                                                                         |
| PCB Locator                    | Yes                                                                                                                            |
| PCB Retention                  | Yes                                                                                                                            |
| PCB Thickness - Recommended    | 1.57mm                                                                                                                         |
| 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) | Yes                                                                                                                            |

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS

Need more information on product environmental compliance?

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

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

46207Series

Mates With

5557 Mini Fit Jr.™ Receptacle

Temperature Range - Operating

Termination Interface: Style

-40°C to +105°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

13A

600V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-free Process Capability

Max. Cycles at Max. Process Temperature

Process Temperature max. C

30

SMC & Wave Capable (TH only)

3

265

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-46207-001

SD-46207-002

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