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Part Number:

0039012245

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit Jr.™ Receptacle Housing, Dual Row, 24 Circuits, UL 94V-0, Natural

Documents:

3D Model

Drawing (PDF)

Product Specification PS-45750-001 (PDF)

Product Specification PS-5556-001 (PDF)

Test Summary TS-5556-002 (PDF)

RoHS Certificate of Compliance (PDF)

|                               |                                                                                                                                                                                                                            |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Agency Certification          |                                                                                                                                                                                                                            |
| CSA                           | LR19980                                                                                                                                                                                                                    |
| UL                            | E29179                                                                                                                                                                                                                     |
| General                       |                                                                                                                                                                                                                            |
| Product Family                | Crimp Housings                                                                                                                                                                                                             |
| Series                        | 5557                                                                                                                                                                                                                       |
| Application                   | Power, Wire-to-Board, Wire-to-Wire                                                                                                                                                                                         |
| Comments                      | Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information. |
| Overview                      | Mini-Fit Jr.™ Power Connectors                                                                                                                                                                                             |
| Product Name                  | Mini-Fit Jr.™                                                                                                                                                                                                              |
| UPC                           | 800753694439                                                                                                                                                                                                               |
| Physical                      |                                                                                                                                                                                                                            |
| Breakaway                     | No                                                                                                                                                                                                                         |
| Circuits (maximum)            | 24                                                                                                                                                                                                                         |
| Color - Resin                 | Natural                                                                                                                                                                                                                    |
| Flammability                  | 94V-0                                                                                                                                                                                                                      |
| Gender                        | Receptacle                                                                                                                                                                                                                 |
| Glow-Wire Compliant           | No                                                                                                                                                                                                                         |
| Material - Resin              | Nylon                                                                                                                                                                                                                      |
| Net Weight                    | 4742.300/mg                                                                                                                                                                                                                |
| Number of Rows                | 2                                                                                                                                                                                                                          |
| Packaging Type                | Bag                                                                                                                                                                                                                        |
| Panel Mount                   | No                                                                                                                                                                                                                         |
| Pitch - Mating Interface      | 4.20mm                                                                                                                                                                                                                     |
| Pitch - Termination Interface | 4.20mm                                                                                                                                                                                                                     |
| Polarized to Mating Part      | Yes                                                                                                                                                                                                                        |
| Stackable                     | No                                                                                                                                                                                                                         |
| Temperature Range - Operating | -40°C to +105°C                                                                                                                                                                                                            |
| Electrical                    |                                                                                                                                                                                                                            |
| Current - Maximum per Contact | 13.0A                                                                                                                                                                                                                      |
| Solder Process Data           |                                                                                                                                                                                                                            |
| Lead-freeProcess Capability   | N/A                                                                                                                                                                                                                        |
| Material Info                 |                                                                                                                                                                                                                            |
| Old Part Number               | 5557-24R-210                                                                                                                                                                                                               |
| Reference - Drawing Numbers   |                                                                                                                                                                                                                            |
| Product Specification         | PS-45750-001, PS-5556-001, RPS-5557-004, RPS-5557-024, RPS-5557-031, RPS-5557-036, RPS-5557-050                                                                                                                            |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China 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

5557 Series

Mates With

5559 Dual Row, 5566 Vertical with Pegs, 5566 Vertical without Pegs, 5569 Right Angle Dual Row with Flanges, 5569 Right Angle Dual Row with Pegs, 43810 , 44068 , 44281 , 87427 , 42404 , 42440

Use With

5556 Mini-Fit® Female Crimp Terminals, 45750 Mini-Fit® Plus HCS Crimp Terminal

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