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Part Number:

0039014031

Status:

Active

Overview:

Mini-Fit Jr. Power Connectors

Description:

Mini-Fit Jr. Receptacle Housing, Single Row, 3 Circuits, UL 94V-0, Natural

Documents:

3D Model

Application Specification AS-5557-001-001 (PDF)

Drawing (PDF)

Packaging Specification PK-5557-002-000 (PDF)

Product Specification PS-45750-001-001 (PDF)

Test Summary 55570000-TS-000 (PDF)

Product Specification PS-5556-001 (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification TS-5556-002-001 (PDF)



Series image - Reference only

|                               |                                                                                                                                                                                                                                                        |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.. Glow Wire Equivalent Part. |
| Overview                      | Mini-Fit Jr. Power Connectors                                                                                                                                                                                                                          |
| Product Name                  | Mini-Fit Jr.                                                                                                                                                                                                                                           |
| UPC                           | 800753584082                                                                                                                                                                                                                                           |
| Physical                      |                                                                                                                                                                                                                                                        |
| Breakaway                     | No                                                                                                                                                                                                                                                     |
| Circuits (maximum)            | 3                                                                                                                                                                                                                                                      |
| Color - Resin                 | Natural                                                                                                                                                                                                                                                |
| Flammability                  | 94V-0                                                                                                                                                                                                                                                  |
| Gender                        | Receptacle                                                                                                                                                                                                                                             |
| Glow-Wire Compliant           | No                                                                                                                                                                                                                                                     |
| Keying to Mating Part         | None                                                                                                                                                                                                                                                   |
| Lock to Mating Part           | Yes                                                                                                                                                                                                                                                    |
| Material - Resin              | Nylon                                                                                                                                                                                                                                                  |
| Net Weight                    | 0.960/g                                                                                                                                                                                                                                                |
| Number of Rows                | 1                                                                                                                                                                                                                                                      |
| 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                 |                                                                                                                                                                                                                                                        |
| Engineering Number            | 5557-03R2-210                                                                                                                                                                                                                                          |

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

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             | Compliant     |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

5557 Series

Mates With

39-01-4033 Panel Mount Plug, 39-01-4037 Free Hanging Plug, 39-30-2030 Vertical Header, 39-30-2038 Vertical Header, 39-30-3036 Right Angle Header

Use With

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

**Reference - Drawing Numbers**

|                           |                                                |
|---------------------------|------------------------------------------------|
| Application Specification | AS-5557-001-001                                |
| Packaging Specification   | PK-5557-002-000                                |
| Product Specification     | PS-45750-001-001, PS-5556-001, TS-5556-002-001 |
| Sales Drawing             | SD-5557-03R2*                                  |
| Test Summary              | 55570000-TS-000                                |

This document was generated on 12/22/2017

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