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Part Number:

0039012025

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Receptacle Housing, Dual Row, 2 Circuits, UL 94V-0, Natural

- Documents:
- Drawing (PDF)

3D Model

3D Model (PDF)

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

Product Specification PS-5556-001-001 (PDF)

Application Specification 55560001-AS-000 (PDF)

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

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

Test Summary 55560010-TS-000 (PDF)

Test Summary TS-5556-002-001 (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 Family Power Connectors                                                                                                                                                                                           |
| Product Name                  | Mini-Fit Jr.                                                                                                                                                                                                               |
| UPC                           | 800753584273                                                                                                                                                                                                               |
| Physical                      |                                                                                                                                                                                                                            |
| Breakaway                     | No                                                                                                                                                                                                                         |
| Circuits (maximum)            | 2                                                                                                                                                                                                                          |
| Color - Resin                 | Natural                                                                                                                                                                                                                    |
| Flammability                  | 94V-0                                                                                                                                                                                                                      |
| Gender                        | Receptacle                                                                                                                                                                                                                 |
| Glow-Wire Capable             | No                                                                                                                                                                                                                         |
| Material - Resin              | Nylon                                                                                                                                                                                                                      |
| Net Weight                    | 0.663/g                                                                                                                                                                                                                    |
| 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° to +105°C                                                                                                                                                                                                             |
| Electrical                    |                                                                                                                                                                                                                            |
| Current - Maximum per Contact | 13.0A                                                                                                                                                                                                                      |
| Solder Process Data           |                                                                                                                                                                                                                            |
| Lead-freeProcess Capability   | N/A                                                                                                                                                                                                                        |
| Material Info                 |                                                                                                                                                                                                                            |
| Engineering Number            | 5557-02R-210                                                                                                                                                                                                               |
| Reference - Drawing Numbers   |                                                                                                                                                                                                                            |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)4578-DC (25 June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

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

Mini-Fit Female Crimp Terminals 5556  
<br>Mini-Fit Plus HCS Crimp Terminal 45750 <br>Mini-Fit Pre-Crimped Leads 797580001 , 797580009 <br>Mini-Fit Jr. Backshell 204723

|                           |                                   |
|---------------------------|-----------------------------------|
| Application Specification | 55560001-AS-000, AS-5557-001-001  |
| Packaging Specification   | PK-5557-002-000                   |
| Product Specification     | PS-45750-001-001, PS-5556-001-001 |
| Sales Drawing             | SD-5557-003-000                   |
| Test Summary              | 55560010-TS-000, TS-5556-002-001  |

This document was generated on 07/14/2020

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