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Part Number:

0039014061

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Receptacle Housing, Single Row, 6 Circuits, UL 94V-0, Natural

|                                                                 |                                                                 |
|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Documents:                                                      |                                                                 |
| <a href="#">3D Model (PDF)</a>                                  | <a href="#">Application Specification AS-5557-001-001 (PDF)</a> |
| <a href="#">3D Model</a>                                        | <a href="#">Packaging Specification PK-5557-002-000 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>                                   | <a href="#">Test Summary 55560010-TS-000 (PDF)</a>              |
| <a href="#">Product Specification PS-45750-001-001 (PDF)</a>    | <a href="#">Test Summary 55570000-TS-000 (PDF)</a>              |
| <a href="#">Product Specification PS-5556-001-001 (PDF)</a>     | <a href="#">Test Summary TS-5556-002-001 (PDF)</a>              |
| <a href="#">Application Specification 55560001-AS-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |

|                               |                                                                                                                                                                                                                                                              |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.. See Molex product specification. |
| Overview                      | <a href="#">Mini-Fit Family Power Connectors</a>                                                                                                                                                                                                             |
| Product Name                  | Mini-Fit Jr.                                                                                                                                                                                                                                                 |
| UPC                           | 800756620923                                                                                                                                                                                                                                                 |
| Physical                      |                                                                                                                                                                                                                                                              |
| Breakaway                     | No                                                                                                                                                                                                                                                           |
| Circuits (maximum)            | 6                                                                                                                                                                                                                                                            |
| Color - Resin                 | Natural                                                                                                                                                                                                                                                      |
| Flammability                  | 94V-0                                                                                                                                                                                                                                                        |
| Gender                        | Receptacle                                                                                                                                                                                                                                                   |
| Glow-Wire Capable             | No                                                                                                                                                                                                                                                           |
| Keying to Mating Part         | None                                                                                                                                                                                                                                                         |
| Lock to Mating Part           | Yes                                                                                                                                                                                                                                                          |
| Material - Resin              | Nylon                                                                                                                                                                                                                                                        |
| Net Weight                    | 1.608/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° to +105°C                                                                                                                                                                                                                                               |
| Electrical                    |                                                                                                                                                                                                                                                              |
| Current - Maximum per Contact | 13.0A                                                                                                                                                                                                                                                        |
| Solder Process Data           |                                                                                                                                                                                                                                                              |
| Lead-freeProcess Capability   | N/A                                                                                                                                                                                                                                                          |
| Material Info                 |                                                                                                                                                                                                                                                              |
| Engineering Number            | 5557-06R2-210                                                                                                                                                                                                                                                |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | 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 <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

5557 Series

Mates With

Mini-Fit Jr. Headers [469990708](#) , [469990712](#) <br>Mini-Fit Jr. Plugs [3901-4063](#) , [3901-4067](#)

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](#)

**Reference - Drawing Numbers**

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| 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             | 55570002-SD-000                                      |
| Test Summary              | 55560010-TS-000, 55570000-TS-000,<br>TS-5556-002-001 |

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