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Part Number:

0015060105

Status:

Active

Overview:

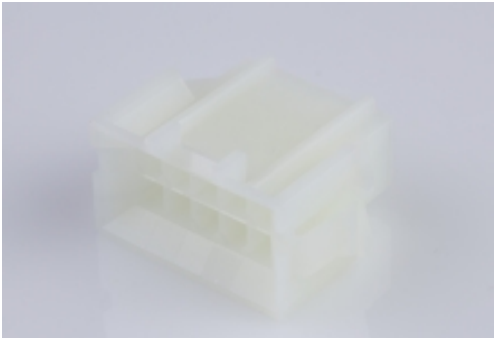
Mini-Fit Family Power Connectors

Description:

Mini-Fit BMI Plug Housing, 4.20mm Pitch Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 10 Circuits

|                                                                |                                                                |
|----------------------------------------------------------------|----------------------------------------------------------------|
| Documents:                                                     |                                                                |
| <a href="#">3D Model (PDF)</a>                                 | <a href="#">Product Specification PS-45750-001-001 (PDF)</a>   |
| <a href="#">3D Model</a>                                       | <a href="#">Product Specification PS-5556-002-001 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Packaging Specification PK-42474-001-001 (PDF)</a> |
| <a href="#">Product Specification 55560002-PS-CH-000 (PDF)</a> | <a href="#">Test Summary TS-42475-001-001 (PDF)</a>            |
| <a href="#">Product Specification 55560002-PS-ES-000 (PDF)</a> | <a href="#">Test Summary TS-5556-002-001 (PDF)</a>             |
| <a href="#">Product Specification 55560002-PS-SK-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

|                               |                                                                                                                                                                                                                            |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Agency Certification          |                                                                                                                                                                                                                            |
| CSA                           | LR19980                                                                                                                                                                                                                    |
| UL                            | E29179                                                                                                                                                                                                                     |
| General                       |                                                                                                                                                                                                                            |
| Product Family                | Crimp Housings                                                                                                                                                                                                             |
| Series                        | 42475                                                                                                                                                                                                                      |
| 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                      | <a href="#">Mini-Fit Family Power Connectors</a>                                                                                                                                                                           |
| Product Name                  | Mini-Fit BMI                                                                                                                                                                                                               |
| Taxonomy                      | Connector Housings                                                                                                                                                                                                         |
| UPC                           | 800755528244                                                                                                                                                                                                               |
| Physical                      |                                                                                                                                                                                                                            |
| Circuits (maximum)            | 10                                                                                                                                                                                                                         |
| Color - Resin                 | Natural                                                                                                                                                                                                                    |
| Flammability                  | 94V-2                                                                                                                                                                                                                      |
| Gender                        | Plug                                                                                                                                                                                                                       |
| Glow-Wire Capable             | No                                                                                                                                                                                                                         |
| Lock to Mating Part           | Yes                                                                                                                                                                                                                        |
| Material - Resin              | Nylon                                                                                                                                                                                                                      |
| Net Weight                    | 4.400/g                                                                                                                                                                                                                    |
| Number of Rows                | 2                                                                                                                                                                                                                          |
| Packaging Type                | Bag                                                                                                                                                                                                                        |
| Panel Mount                   | Yes                                                                                                                                                                                                                        |
| 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            | 42475-1011                                                                                                                                                                                                                 |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |               |
| 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

42475 Series

Mates With

[15060100](#) MiniFit BMI Panel Mount Receptacle, [42385](#) MiniFit BMI 10 Circuit, UL 94V2 Vertical Receptacle Headers, [444751011](#) MiniFit HCS BMI Vertical Receptacle Header, [39012100](#) MiniFit Jr. Receptacle

Use With

Mini-Fit Male Crimp Terminals [5558](#)  
<br>Mini-Fit Plus HCS Crimp Terminals [46012](#) <br>Mini-Fit Pre-Crimped Leads [797580005](#) , [797580013](#)

**Reference - Drawing Numbers**

|                         |                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------|
| Packaging Specification | PK-42474-001-001                                                                                    |
| Product Specification   | 55560002-PS-CH-000, 55560002-PS-ES-000,<br>55560002-PS-SK-000, PS-45750-001-001,<br>PS-5556-002-001 |
| Sales Drawing           | SD-42475-XXX1-001                                                                                   |
| Test Summary            | TS-42475-001-001, TS-5556-002-001                                                                   |

This document was generated on 08/31/2022

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