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**Part Number:** [0015060140](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** Mini-Fit BMI Receptacle Housing, 4.20mm Pitch, Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 14 Circuits

**Documents:**

|                                                                |                                                                |
|----------------------------------------------------------------|----------------------------------------------------------------|
| <a href="#">3D Model (PDF)</a>                                 | <a href="#">Product Specification PS-45750-001-001 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Product Specification PS-5556-002-001 (PDF)</a>    |
| <a href="#">3D Model</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-5556-002-001 (PDF)</a>             |
| <a href="#">Product Specification 55560002-PS-ES-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Product Specification 55560002-PS-SK-000 (PDF)</a> |                                                                |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |                                                                                                                                                                                                                                            |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Family | Crimp Housings                                                                                                                                                                                                                             |
| Series         | <a href="#">42474</a>                                                                                                                                                                                                                      |
| Application    | Power, Wire-to-Board, Wire-to-Wire                                                                                                                                                                                                         |
| Comments       | Current = 13A max. per circuit when header is mated to a receptacle loaded with <a href="#">45750</a> 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                                                                                                                                                                                                                               |
| UPC            | 800755554984                                                                                                                                                                                                                               |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Breakaway                     | No             |
| Circuits (maximum)            | 14             |
| Color - Resin                 | Natural        |
| Flammability                  | 94V-2          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Lock to Mating Part           | None           |
| Material - Resin              | Nylon          |
| Net Weight                    | 5.360/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 |
|-------------------------------|-------|

**Material Info**

|                    |            |
|--------------------|------------|
| Engineering Number | 42474-1411 |
|--------------------|------------|

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-42474-001-001 |
|-------------------------|------------------|



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[42474](#) Series

**Mates With**

[42475](#) MiniFit BMI Plug Housing. [43879](#) MiniFit CPI Header. MiniFit BMI Header [42404](#) , [42440](#). MiniFit SMC Surface Mount Compatible Header [43810](#) , [44068](#)

**Use With**

Mini-Fit Female Crimp Terminals [5556](#)  
<br>Mini-Fit Plus HCS Crimp Terminal [45750](#) <br>Mini-Fit Pre-Crimped Leads [797580001](#) , [797580009](#)

Product Specification

Sales Drawing  
Test Summary

55560002-PS-CH-000, 55560002-PS-ES-000,  
55560002-PS-SK-000, PS-45750-001-001,  
PS-5556-002-001  
SD-42474-XXXX-001  
TS-5556-002-001

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