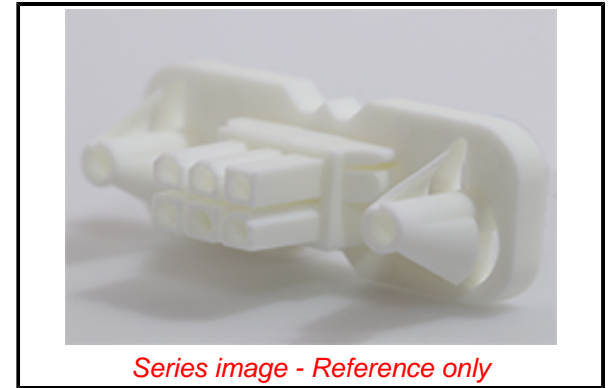


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0015060061](#)  
**Status:** **Active**  
**Overview:** Mini-Fit BMI Connectors  
**Description:** Mini-Fit BMI Receptacle Housing, 4.20mm Pitch, Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-0, 6 Circuits

**Documents:**

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



Series image - Reference only

**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 BMI Connectors</a> |
| Product Name | Mini-Fit BMI                            |
| UPC          | 800754204309                            |

**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Breakaway                     | No              |
| Circuits (maximum)            | 6               |
| Color - Resin                 | Natural (White) |
| Flammability                  | 94V-0           |
| Gender                        | Receptacle      |
| Glow-Wire Capable             | No              |
| Lock to Mating Part           | None            |
| Material - Resin              | Nylon           |
| Net Weight                    | 3.692/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 | 42474-0621 |
|--------------------|------------|

**Reference - Drawing Numbers**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

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](#)

Packaging Specification  
Product Specification  
Sales Drawing  
Test Summary

PK-42474-001-001  
PS-45750-001-001, PS-5556-002-001  
SD-42474-XXXX  
TS-5556-002-001

This document was generated on 03/04/2020

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