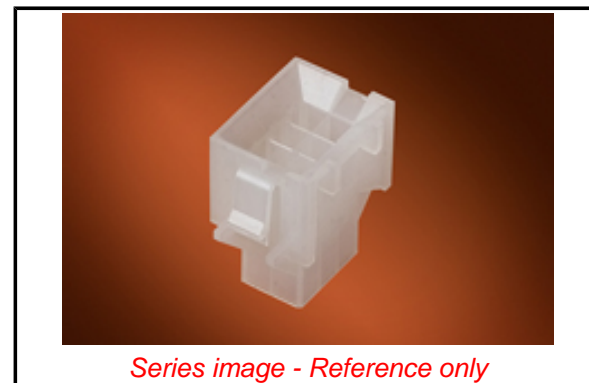


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0015060045](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit® BMI](#)  
**Description:** Mini-Fit® BMI Plug Housing, 4.20mm Pitch Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 4 Circuits

**Documents:**

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



**Agency Certification**

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

**General**

|                |  |
|----------------|--|
| Product Family | Crimp Housings   |
| Series         | <a href="#">42475</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. |
| MolexKits      | Yes  |
| Overview       | <a href="#">Mini-Fit® BMI</a>  |
| Product Name   | Mini-Fit® BMI  |
| UPC            | 800753605053   |

**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 4               |
| Color - Resin                 | Natural         |
| Flammability                  | 94V-2           |
| Gender                        | Male            |
| Glow-Wire Compliant           | No              |
| Lock to Mating Part           | None            |
| Material - Resin              | Nylon           |
| Net Weight                    | 2.494/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°C to +105°C |

**Electrical**

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 13.0A |
|-------------------------------|-------|

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

|                 |            |
|-----------------|------------|
| Old Part Number | 42475-0411 |
|-----------------|------------|

**Reference - Drawing Numbers**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(17. December 2014): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[42475 Series](#)

**Mates With**

[15-06-0040](#) Mini-Fit® BMI Panel Mount Receptacle, [42385](#) Mini-Fit® BMI 4 Circuit, UL 94V-2 Vertical Receptacle Headers, [44475-0411](#) Mini-Fit® HCS BMI Vertical Receptacle Header

**Use With**

[46012](#) Mini-Fit® Plus HCS Crimp Terminal, [5558](#) Mini-Fit® Crimp Terminal

Packaging Specification  
Product Specification  
Sales Drawing  
Test Summary

PK-42474-001  
PS-45750-001, PS-5556-002  
SD-42475-\*\*\*1  
TS-5556-002

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