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**Part Number:** [0015060145](#)

**Status:** **Active**

**Overview:** Mini-Fit® Blind Mate Interface (BMI) Connectors

**Description:** Mini-Fit® BMI Plug Housing, 4.20mm Pitch Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 14 Circuits

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-45750-001 \(PDF\)](#)

[Product Specification PS-5556-002 \(PDF\)](#)

[Packaging Specification PK-42474-001 \(PDF\)](#)

[Test Summary TS-42475-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**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.  
  
MolexKits Yes  
Overview [Mini-Fit® Blind Mate Interface \(BMI\) Connectors](#)  
Product Name Mini-Fit® BMI  
UPC 800755534627

**Physical**

Circuits (maximum) 14  
Color - Resin Natural  
Flammability 94V-2  
Gender Male  
Glow-Wire Compliant No  
Lock to Mating Part Yes  
Material - Resin Nylon  
Net Weight 5.370/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**

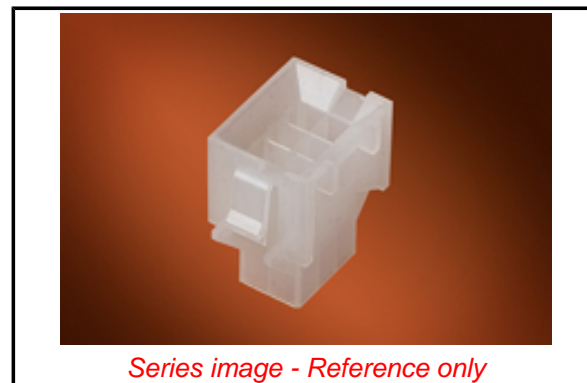
Current - Maximum per Contact 13.0A

**Material Info**

Engineering Number 42475-1411

**Reference - Drawing Numbers**

Packaging Specification PK-42474-001  
Product Specification PS-45750-001, PS-5556-002  
Sales Drawing SD-42475-\*\*\*1



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/21/2016 (20 June 2016)

**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**

[15-06-0140](#) Mini-Fit® BMI Panel Mount Receptacle, [42385](#) Mini-Fit® BMI 14 Circuit, UL 94V-2 Vertical Receptacle Headers, [39-01-2140](#) Mini-Fit Jr. Receptacle, [44475-1411](#) Mini-Fit® HCS BMI Vertical Receptacle Header

**Use With**

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

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