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**Part Number:** [15-06-0240](#)

**Status:** **Active**

**Overview:** [Mini-Fit® Blind Mate Interface \(BMI\) Connectors](#)

**Description:** Mini-Fit® BMI Receptacle Housing, 4.20mm Pitch, Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 24 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-5556-002 \(PDF\)](#)

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



Series

image - Reference only

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family Crimp Housings  
Series [42474](#)  
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.  
[Mini-Fit® Blind Mate Interface \(BMI\) Connectors](#)  
Product Name Mini-Fit® BMI  
UPC 800753689053

**Physical**

Breakaway No  
Circuits (maximum) 24  
Color - Resin Natural  
Flammability 94V-2  
Gender Female  
Glow-Wire Compliant No  
Lock to Mating Part None  
Material - Resin Nylon  
Net Weight 7.659/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 13A

**Material Info**

Old Part Number 42474-2411

**Reference - Drawing Numbers**

Packaging Specification PK-42474-001  
Product Specification PS-45750-001, PS-5556-002, RPS-42474-001

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[42474Series](#)

**Mates With**

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

**Use With**

[5556](#) Mini-Fit® Female Crimp Terminals, [45750](#) Mini-Fit® Plus HCS Crimp Terminal

This document was generated on 09/03/2014

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