

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

**Part Number:** [15-06-0185](#)  
**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, 18 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>	

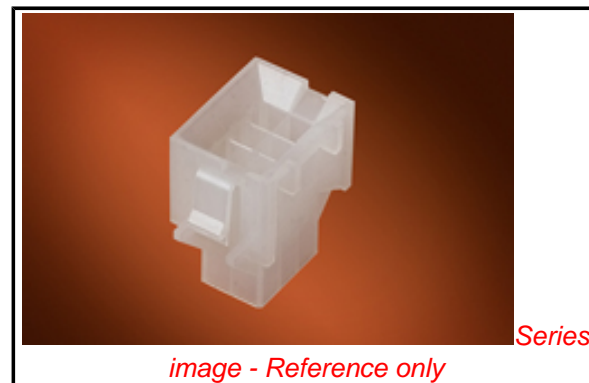


image - Reference only

**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	800753689046

**Physical**

Circuits (maximum)	18
Color - Resin	Natural
Flammability	94V-2
Gender	Male
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	5.995/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	42475-1811
-----------------	------------

**Reference - Drawing Numbers**

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

<b>EU RoHS</b> <b>ELV and RoHS Compliant</b>	<b>China RoHS</b>
<b>REACH SVHC</b> <b>Contains SVHC: No</b>	
<b>Low-Halogen Status</b> <b>Low-Halogen</b>	

**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**

[42475Series](#)

**Mates With**

[15-06-0180](#) Mini-Fit® BMI Panel Mount Receptacle, [42385](#) Mini-Fit® BMI 18 Circuit, UL 94V-2 Vertical Receptacle Headers, [44475-1811](#) Mini-Fit® HCS BMI Vertical Receptacle Header, [39-01-2180](#) Mini-Fit® Jr. Receptacle, [445160009](#) Mini-Fit BMI SI

**Use With**

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

This document was generated on 12/17/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**