

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

**Part Number:** [50-36-2323](#)  
**Status:** **Active**  
**Overview:** Mini-Fit® BMI  
**Description:** 4.20mm Pitch Mini-Fit® BMI Plug Housing, Dual Row, White, UL 94V-0, 8 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-5556-002 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
TUV	R72081037
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.
Overview	<a href="#">Mini-Fit® BMI</a>
Product Name	Mini-Fit® BMI
UPC	883906497316

**Physical**

Circuits (maximum)	8
Color - Resin	Natural
Flammability	94V-0, 94V-2
Gender	Male
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	4.390/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	42475-0821
-----------------	------------

**Reference - Drawing Numbers**

Packaging Specification	PK-42474-001
Product Specification	PS-5556-002
Sales Drawing	SD-42475-***1
Test Summary	TS-5556-002

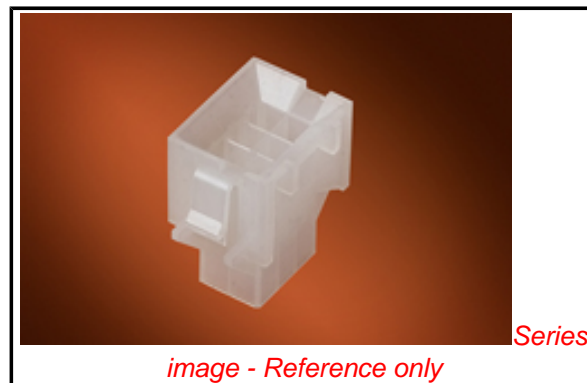


image - Reference only

**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**

[42475Series](#)

**Mates With**

Mini-Fit Jr.™ Receptacle Housing [5557](#) ,  
 Mini-Fit® BMI Receptacle Header [42385](#) ,  
 Mini-Fit® BMI Receptacle Housing [42474](#)

**Use With**

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

This document was generated on 01/14/2013

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