

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

**Part Number:** [0015060146](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit BMI Plug Housing, 4.20mm Pitch Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-0, 14 Circuits

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-45750-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Product Specification PS-5556-002-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-42474-001-001 (PDF)</a>
<a href="#">Product Specification 55560002-PS-CH-000 (PDF)</a>	<a href="#">Test Summary TS-42475-001-001 (PDF)</a>
<a href="#">Product Specification 55560002-PS-ES-000 (PDF)</a>	<a href="#">Test Summary TS-5556-002-001 (PDF)</a>
<a href="#">Product Specification 55560002-PS-SK-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (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 45750 series terminals crimped to 16 AWG wire. See Molex product specification PS-45750-001 for additional current derating information.

Overview [Mini-Fit Family Power Connectors](#)

Product Name	Mini-Fit BMI
Taxonomy	Connector Housings
UPC	800754204828

**Physical**

Circuits (maximum)	14
Color - Resin	Natural
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	6.040/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° to +105°C

**Electrical**

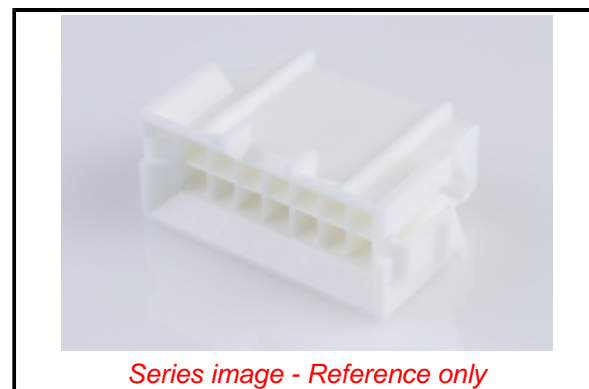
Current - Maximum per Contact	13.0A
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**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

Engineering Number	42475-1421
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Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[42475 Series](#)

**Mates With**

[15060141](#) MiniFit BMI Panel Mount Receptacle, [42385](#) MiniFit BMI 14 Circuit, UL 94V0 Vertical Receptacle Headers, [444751421](#) MiniFit HCS BMI Vertical Receptacle Header, [39012145](#) MiniFit Jr. Receptacle

**Use With**

Mini-Fit Male Crimp Terminals [5558](#)  
 Mini-Fit Plus HCS Crimp Terminals [46012](#)  
 Mini-Fit Pre-Crimped Leads [797580005](#) , [797580013](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

Test Summary

PK-42474-001-001

55560002-PS-CH-000, 55560002-PS-ES-000,

55560002-PS-SK-000, PS-45750-001-001,

PS-5556-002-001

SD-42475-XXX1-001

TS-42475-001-001, TS-5556-002-001

This document was generated on 10/17/2022

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