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**Part Number:** [0015060245](#)  
**Status:** **Active**  
**Overview:** Mini-Fit 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, 24 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-45750-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-5556-002-001 (PDF)</a>
<a href="#">Drawing (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 <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 Connectors</a>
Product Name	Mini-Fit BMI
UPC	800755672725

**Physical**

Circuits (maximum)	24
Color - Resin	Natural
Flammability	94V-2
Gender	Plug
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	8.360/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**

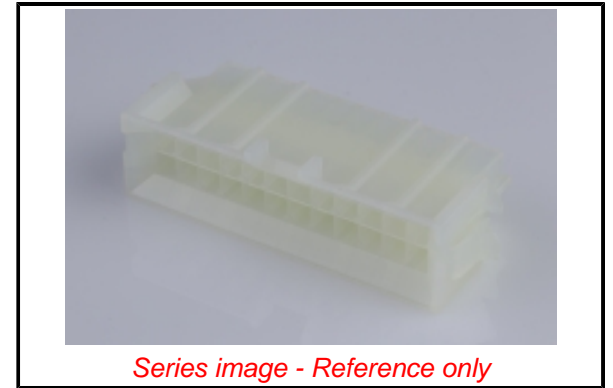
Current - Maximum per Contact	13.0A
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**Material Info**

Engineering Number	42475-2411
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**Reference - Drawing Numbers**

Packaging Specification	PK-42474-001-001
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[15060240](#) MiniFit BMI Panel Mount Receptacle, [42385](#) MiniFit BMI 24 Circuit, UL 94V2 Vertical Receptacle Headers, [444752411](#) MiniFit HCS BMI Vertical Receptacle Header, [39012240](#) MiniFit Jr. Receptacle, [445160009](#) MiniFit BMI

**Use With**

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

Product Specification

Sales Drawing

Test Summary

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

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