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Part Number: [0015060106](#)
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, 10 Circuits

Documents:

3D Model	Product Specification PS-45750-001-001 (PDF)
3D Model (PDF)	Product Specification PS-5556-002-001 (PDF)
Drawing (PDF)	Packaging Specification PK-42474-001-001 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Test Summary TS-42475-001-001 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	42475
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
UPC	800754204637

Physical

Circuits (maximum)	10
Color - Resin	Natural
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	4.140/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

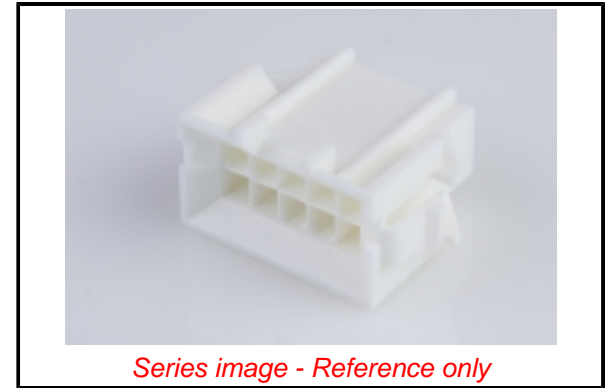
Current - Maximum per Contact	13.0A
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Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Engineering Number	42475-1021
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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

[15060101](#) MiniFit BMI Panel Mount Receptacle, [42385](#) MiniFit BMI 10 Circuit, UL 94V0 Vertical Receptacle Headers, [444751021](#) MiniFit HCS BMI Vertical Receptacle Header, [39012105](#) 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

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