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Part Number:

0015060046

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-0, 4 Circuits

Documents:

3D Model

Packaging Specification PK-42474-001-001 (PDF)

Drawing (PDF)

Test Summary TS-42475-001-001 (PDF)

Product Specification PS-45750-001-001 (PDF)

Test Summary TS-5556-002-001 (PDF)

Product Specification PS-5556-002-001 (PDF)

RoHS Certificate of Compliance (PDF)



Series image - Reference only

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	42475
3D Viewer	Yes
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.

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Overview	Mini-Fit BMI Connectors
Product Name	Mini-Fit BMI
UPC	800754320757

Physical

Circuits (maximum)	4
Color - Resin	Natural
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Resin	Nylon
Net Weight	2.720/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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EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

42475 Series

Mates With

15060041 MiniFit BMI Panel Mount Receptacle, 42385 MiniFit BMI 4 Circuit, UL 94V0 Vertical Receptacle Headers, 444750421 MiniFit HCS BMI Vertical Receptacle Header

Use With

46012 Mini-Fit Plus HCS Crimp Terminal, 5558 Mini-Fit Crimp Terminal

Material Info

Engineering Number 42475-0421

Reference - Drawing Numbers

Packaging Specification PK-42474-001-001
Product Specification PS-45750-001-001, PS-5556-002-001
Sales Drawing SD-42475-XXX1
Test Summary TS-42475-001-001, TS-5556-002-001

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