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Part Number: [0015060185](#)
Status: **Active**
Overview: Mini-Fit® Blind Mate Interface (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, 18 Circuits

Documents:

3D Model	Product Specification TS-42475-001-001 (PDF)
Drawing (PDF)	Product Specification TS-5556-002-001 (PDF)
Product Specification PS-45750-001-001 (PDF)	Packaging Specification PK-42474-001-001 (PDF)
Product Specification PS-5556-002-001 (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.
MolexKits	Yes
Overview	Mini-Fit® Blind Mate Interface (BMI) Connectors
Product Name	Mini-Fit® BMI
UPC	800753689046

Physical

Circuits (maximum)	18
Color - Resin	Natural
Flammability	94V-2
Gender	Male
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	5.995/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	13.0A
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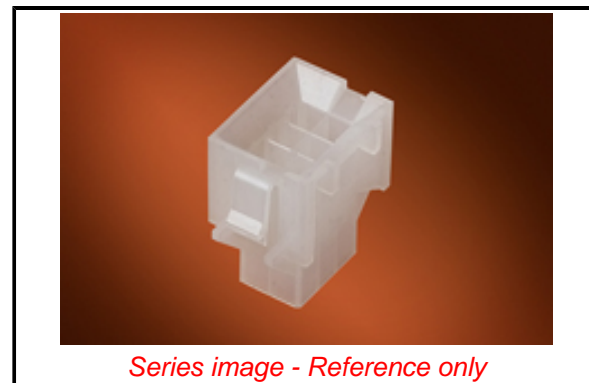
Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Engineering Number	42475-1811
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Reference - Drawing Numbers



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/01/2017 (12 January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[42475 Series](#)

Mates With

[15-06-0180](#) Mini-Fit® BMI Panel Mount Receptacle, [42385](#) Mini-Fit® BMI 18 Circuit, UL 94V-2 Vertical Receptacle Headers, [44475-1811](#) Mini-Fit® HCS BMI Vertical Receptacle Header, [39-01-2180](#) Mini-Fit® Jr. Receptacle, [445160009](#) Mini-Fit BMI SI

Use With

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

Packaging Specification
Product Specification

Sales Drawing

PK-42474-001-001
PS-45750-001-001, PS-5556-002-001,
TS-42475-001-001, TS-5556-002-001
SD-42475-***1

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