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Part Number: [0015060181](#)
Status: **Active**
Overview: [Mini-Fit® BMI Connectors](#)
Description: Mini-Fit® BMI Receptacle Housing, 4.20mm Pitch, Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-0, 18 Circuits

Documents:

3D Model	Product Specification TS-5556-002-001 (PDF)
Drawing (PDF)	Packaging Specification PK-42474-001-001 (PDF)
Product Specification PS-45750-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5556-002-001 (PDF)	



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	42474
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® BMI Connectors
Product Name	Mini-Fit® BMI
UPC	800753741867

Physical

Breakaway	No
Circuits (maximum)	18
Color - Resin	Natural (White)
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Resin	Nylon
Net Weight	6.680/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-free Process Capability	N/A
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Material Info

Engineering Number	42474-1821
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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

[42474 Series](#)

Mates With

[42475](#) Mini-Fit® BMI Plug Housing. [43879](#) Mini-Fit® CPI Header. Mini-Fit® BMI Header [42404](#) , [42440](#). Mini-Fit® SMC Surface Mount Compatible Header [43810](#) , [44068](#)

Use With

[5556](#) Mini-Fit® Female Crimp Terminals, [45750](#) Mini-Fit® Plus HCS Crimp Terminal

Packaging Specification
Product Specification

Sales Drawing

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

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