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Part Number: [0015060045](#)

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, 4 Circuits

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-5556-002 \(PDF\)](#)

[Product Specification TS-5556-002 \(PDF\)](#)

[Packaging Specification PK-42474-001 \(PDF\)](#)

[Test Summary TS-42475-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980

UL E29179

General

Product Family

Series [Crimp Housings](#)

Application [42475](#)

Comments Power, Wire-to-Board, Wire-to-Wire
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 800753605053

Physical

Circuits (maximum) 4

Color - Resin Natural

Flammability 94V-2

Gender Male

Glow-Wire Compliant No

Lock to Mating Part None

Material - Resin Nylon

Net Weight 2.494/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

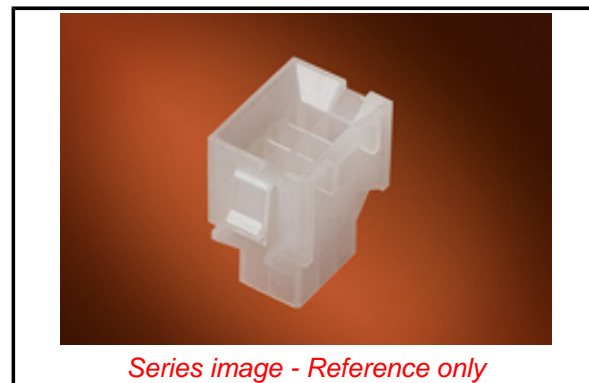
Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Engineering Number 42475-0411

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[42475 Series](#)

Mates With

[15-06-0040](#) Mini-Fit® BMI Panel Mount Receptacle, [42385](#) Mini-Fit® BMI 4 Circuit, UL 94V-2 Vertical Receptacle Headers, [44475-0411](#) Mini-Fit® HCS BMI Vertical Receptacle Header

Use With

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

Packaging Specification
Product Specification
Sales Drawing
Test Summary

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

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