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Part Number:

0015060185

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-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 BMI Connectors

Product Name

Mini-Fit® BMI

UPC

800753689046

Physical

Circuits (maximum)

18

Color - Resin

Natural

Flammability

94V-2

Gender

Plug

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

Solder Process Data

Lead-freeProcess Capability

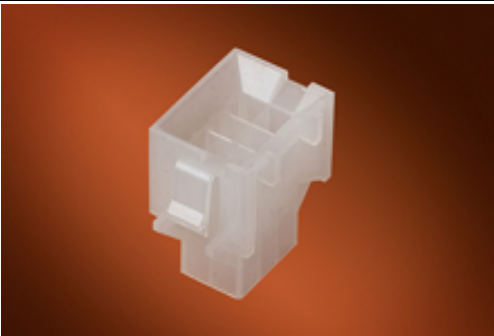
N/A

Material Info

Engineering Number

42475-1811

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
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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