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Part Number:

0015060180

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-2, 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.

MolexKits

Yes

Overview

Mini-Fit BMI Connectors

Product Name

Mini-Fit® BMI

UPC

800753689039

Physical

Breakaway

No

Circuits (maximum)

18

Color - Resin

Natural

Flammability

94V-2

Gender

Receptacle

Glow-Wire Compliant

No

Lock to Mating Part

None

Material - Resin

Nylon

Net Weight

6.061/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

42474-1811



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

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

Reference - Drawing Numbers

Packaging Specification	PK-42474-001-001
Product Specification	PS-45750-001-001, PS-5556-002-001, TS-5556-002-001
Sales Drawing	SD-42474-****

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