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Part Number:

0015060061

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit BMI Receptacle Housing, 4.20mm Pitch, Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-0, 6 Circuits

Documents:

- [3D Model \(PDF\)](#)[Product Specification PS-45750-001-001 \(PDF\)](#)
- [3D Model](#)[Product Specification PS-5556-002-001 \(PDF\)](#)
- [Drawing \(PDF\)](#)[Packaging Specification PK-42474-001-001 \(PDF\)](#)
- [Product Specification 55560002-PS-CH-000 \(PDF\)](#)[Test Summary TS-5556-002-001 \(PDF\)](#)
- [Product Specification 55560002-PS-ES-000 \(PDF\)](#)[RoHS Certificate of Compliance \(PDF\)](#)
- [Product Specification 55560002-PS-SK-000 \(PDF\)](#)

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 Family Power Connectors

Product Name

Mini-Fit BMI

Taxonomy

Connector Housings

UPC

800754204309

Physical

Breakaway

No

Circuits (maximum)

6

Color - Resin

Natural (White)

Flammability

94V-0

Gender

Receptacle

Glow-Wire Capable

No

Lock to Mating Part

None

Material - Resin

Nylon

Net Weight

3.692/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° to +105°C

Electrical

Current - Maximum per Contact

13.0A

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[42474](#) Series

Mates With

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

Use With

Mini-Fit Female Crimp Terminals [5556](#)

Mini-Fit Plus HCS Crimp Terminal [45750](#)
Mini-Fit Pre-Crimped Leads [797580001](#) , [797580009](#)

Engineering Number	42474-0621
Reference - Drawing Numbers	
Packaging Specification	PK-42474-001-001
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-45750-001-001, PS-5556-002-001
Sales Drawing	SD-42474-XXXX-001
Test Summary	TS-5556-002-001

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