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Part Number:

0015060181

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, 18 Circuits

Documents:

- Drawing (PDF)

3D Model (PDF)

3D Model

Product Specification 55560002-PS-CH-000 (PDF)

Product Specification 55560002-PS-ES-000 (PDF)

Product Specification 55560002-PS-SK-000 (PDF)
- Product Specification PS-45750-001-001 (PDF)

Product Specification PS-5556-002-001 (PDF)

Packaging Specification PK-42474-001-001 (PDF)

Test Summary TS-5556-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

Crimp Housings

42474

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.

Mini-Fit Family Power Connectors

Mini-Fit BMI

Connector Housings

800753741867

Overview

Product Name

Taxonomy

UPC

Physical

Breakaway

Circuits (maximum)

Color - Resin

Flammability

Gender

Glow-Wire Capable

Lock to Mating Part

Material - Resin

Net Weight

Number of Rows

Packaging Type

Panel Mount

Pitch - Mating Interface

Pitch - Termination Interface

Polarized to Mating Part

Stackable

Temperature Range - Operating

No

18

Natural (White)

94V-0

Receptacle

No

None

Nylon

6.680/g

2

Bag

Yes

4.20mm

4.20mm

Yes

No

-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

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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	42474-1821
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

This document was generated on 10/07/2022

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