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Part Number:

0015060146

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit BMI Plug Housing, 4.20mm Pitch Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-0, 14 Circuits

Documents:

- Drawing (PDF)

3D Model

3D Model (PDF)

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-42475-001-001 (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

42475

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

800754204828

Overview

Product Name

Taxonomy

UPC

Physical

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

14

Natural

94V-0

Plug

No

Yes

Nylon

6.040/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

Engineering Number

42475-1421



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

42475 Series

Mates With

15060141 MiniFit BMI Panel Mount Receptacle, 42385 MiniFit BMI 14 Circuit, UL 94V0 Vertical Receptacle Headers, 444751421 MiniFit HCS BMI Vertical Receptacle Header, 39012145 MiniFit Jr. Receptacle

Use With

Mini-Fit Male Crimp Terminals 5558

Mini-Fit Plus HCS Crimp Terminals 46012
Mini-Fit Pre-Crimped Leads 797580005 , 797580013

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-42475-XXX1-001
Test Summary	TS-42475-001-001, TS-5556-002-001

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