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Part Number:

0015060141

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, 14 Circuits

Documents:

- 3D Model (PDF)

Product Specification PS-45750-001-001 (PDF)
- Drawing (PDF)

Product Specification PS-5556-002-001 (PDF)
- 3D Model

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

800753741850

Physical

Breakaway

No

Circuits (maximum)

14

Color - Resin

Natural (White)

Flammability

94V-0

Gender

Receptacle

Glow-Wire Capable

No

Lock to Mating Part

None

Material - Resin

Nylon

Net Weight

5.560/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
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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	42474-1421
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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