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Part Number:

0015247103

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit BMI Receptacle Header, 4.20mm Pitch, Dual Row, Vertical, with Snap-In Plastic Pegs, 0.80µm Gold (Au), UL 94V-0, 10 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-5556-002-001 (PDF)

Packaging Specification PK-42385-999-001 (PDF)

Test Summary 423850000-TS-000 (PDF)

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

Symbol Footprint Data SYM-A42385-10XX-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

42385

Application

Board-to-Board, Power, Wire-to-Board

Comments

Solder Type, With Pegs

Overview

Mini-Fit Family Power Connectors

Product Name

Mini-Fit BMI

Taxonomy

PCB Headers and Receptacles

UPC

800754209359

Physical

Circuits (Loaded)

10

Circuits (maximum)

10

Color - Resin

Natural (White)

Durability (mating cycles max)

30

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

Yes

Keying to Mating Part

None

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Resin

Nylon

Net Weight

2.119/g

Number of Rows

2

Orientation

Vertical

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.00mm

Packaging Type

Tray

Pitch - Mating Interface

4.20mm

Pitch - Termination Interface

4.20mm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole

Electrical



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

42385 Series

Mates With

Panel Mount Plug 42475
Right Angle
Headers 42404 , 43810
Vertical
Headers 42440 , 43879 , 44068

Current - Maximum per Contact	9.0A
Grounding to PCB	No
Voltage - Maximum	600V AC (RMS)/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240
Material Info	
Engineering Number	42385-10B2
Reference - Drawing Numbers	
Packaging Specification	PK-42385-999-001
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-5556-002-001
Sales Drawing	SDA-42385-X-001
Symbol/Footprint Data	SYM-A42385-10XX-001
Test Summary	423850000-TS-000, TS-5556-002-001

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