

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0015247142

Status:

Active

Overview:

Mini-Fit Products

Description:

Mini-Fit BMI Receptacle Header, 4.20mm Pitch, Dual Row, Vertical, with Snap-In Plastic Pegs, 0.80µm Gold (Au), UL 94V-2, 14 Circuits



Series image - Reference only

Documents:

- 3D Model

Product Specification TS-5556-002-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-42385-999 (PDF)
- Product Specification PS-5556-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

42385

Application

Board-to-Board, Power

Comments

Solder Type|With Pegs

Overview

Mini-Fit Products

Product Name

Mini-Fit BMI

UPC

800754240802

Physical

Circuits (Loaded)

14

Circuits (maximum)

14

Color - Resin

Natural

Durability (mating cycles max)

30

Flammability

94V-2

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

2.932/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

Current - Maximum per Contact

9.0A

Grounding to PCB

No

Voltage - Maximum

600V AC (RMS)/DC

Solder Process Data

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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

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

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	A-42385-14A2
--------------------	--------------

Reference - Drawing Numbers

Packaging Specification	PK-42385-999
Product Specification	PS-5556-002-001, TS-5556-002-001
Sales Drawing	SDA-42385-*

This document was generated on 11/26/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

15-24-7142