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Part Number:

0438790024

Status:

Active

Overview:

Mini-Fit BMI Connectors

Description:

Mini-Fit BMI Header Compliant Pin Interface, Dual Row, Vertical, 8 Circuits, Tin (Sn) Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-43879-001-001 (PDF)

Product Specification TS-43879-001-001 (PDF)

Packaging Specification PK-43879-001-000 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

43879

Application

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

Comments

Square Pin|Compliant Pin

Overview

Mini-Fit BMI Connectors

Product Name

Mini-Fit BMI

UPC

191128329026

Physical

Breakaway

No

Circuits (Loaded)

8

Circuits (maximum)

8

Color - Resin

Black

Durability (mating cycles max)

30

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Metal

Brass, Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

4.616/g

Number of Rows

2

Orientation

Vertical

PC Tail Length

6.25mm

PCB Locator

No

PCB Retention

Yes

Packaging Type

Tray

Pitch - Mating Interface

4.20mm

Pitch - Termination Interface

4.20mm

Plating min - Mating

2.540µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

No

Shrouded

Fully

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40° to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

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

Halogen-Free

Status

Not 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

43879 Series

Mates With

5557 Mini-Fit Jr. Receptacle Housing, 42385 Mini-Fit BMI Receptacle Header, Mini-Fit BMI Receptacle Housing 42474 , 44516

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	8.0A
Voltage - Maximum	600V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-43879-001-000
Product Specification	PS-43879-001-001, TS-43879-001-001
Sales Drawing	SD-43879-021-000

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