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Part Number:

0444282002

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit BMI Header, Surface Mount Compatible, Dual Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 20 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

- 3D Model

Test Summary 444280001-TS-000 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-44300-001-001 (PDF)

Product Literature (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

44428

3D Viewer

Yes

Application

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

CURRENT-MAX-NUMERIC

8.5

Comments

High Temperature|Square Pin|Solder Type|Polarized to Mating Part, High Temperature|Square Pin|Solder Type|Polarized to Mating Part

Overview

Micro-Fit Connector System

PITCH-MATING-NUMERIC

3.00

Product Literature Order No

987650-5984

Product Name

Micro-Fit BMI

UPC

800756379814

Physical

Breakaway

No

Circuits (Loaded)

20

Circuits (maximum)

20

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

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

4.027/g

Number of Rows

2

Orientation

Right Angle

PC Tail Length

3.50mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Tray

Pitch - Mating Interface

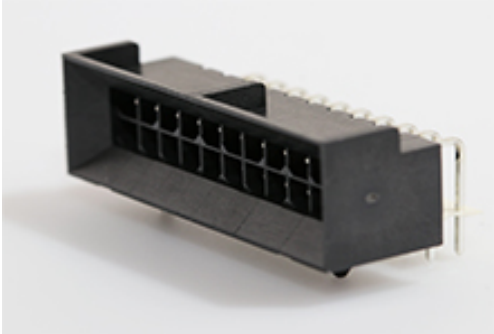
3.00mm

Plating min - Mating

0.381µm

Plating min - Termination

2.540µm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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

44428 Series

Mates With

44133 Micro-Fit BMI Panel Mount Receptacle Housing, 44764 Micro-Fit BMI Receptacle Header, 44769 Micro-Fit BMI Receptacle Header

Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	8.5A
Voltage - Maximum	600V
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	260
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-44300-001-001
Sales Drawing	SD-44428-001
Symbol/Footprint Data	SYM-44428-2001, SYM-44428-2001_3
Test Summary	444280001-TS-000

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