

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0444281802

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, 18 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

- Drawing (PDF)

3D Model

3D Model (PDF)

Product Specification PS-44300-001-001 (PDF)

Packaging Specification PK-44428-001-001 (PDF)

Test Summary 443000002-TS-000 (PDF)
- Test Summary 444280001-TS-000 (PDF)

Datasheet (PDF)

Symbol Footprint Data SYM-44428-1801-001 (PDF)

Symbol Footprint Data SYM-44428-18013-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

44428

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

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

Overview

Product Name

Taxonomy

UPC

Micro-Fit Connector System

Micro-Fit BMI

PCB Headers and Receptacles

800756379807

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

No

18

18

Black

30

No

94V-0

No

No

None

Yes

Brass

Gold

Tin

High Temperature Thermoplastic

3.710/g

2

Right Angle

3.50mm

Yes

Yes

1.60mm

Tray

3.00mm

0.381µm

2.540µm

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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

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	
Packaging Specification	PK-44428-001-001
Product Specification	PS-44300-001-001
Sales Drawing	SD-44428-001-001
Symbol/Footprint Data	SYM-44428-1801-001, SYM-44428-1801_3-001
Test Summary	443000002-TS-000, 444280001-TS-000

This document was generated on 10/08/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION