

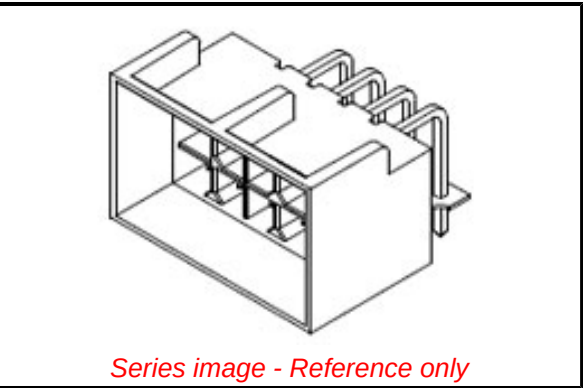
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Part Number: 0444281601

Status: Active

Overview: Micro-Fit 3.0™ Connectors

Description: Micro-Fit BMI™ Header, Surface Mount Compatible, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 16 Circuits, Tin (Sn) Plating



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-44300-001 (PDF)
- Test Summary 444280001-TS-000 (PDF)
- RoHS Certificate of Compliance (PDF)
- Product Literature (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

Overview

Product Literature Order No

Product Name

UPC

PCB Headers

44428

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

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

Micro-Fit 3.0™ Connectors

987650-5984

Micro-Fit BMI™

800756081694

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

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

Shrouded

Stackable

Surface Mount Compatible (SMC)

No

16

16

Black

30

No

94V-0

No

No

None

Yes

Brass

Tin

Tin

High Temperature Thermoplastic

3.397/g

2

Right Angle

3.50mm

Yes

Yes

1.60mm

Tray

3.00mm

5.080µm

5.080µm

Yes

Fully

No

Yes

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

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

Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	5.0A
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
Sales Drawing	SD-44428-001
Symbol/Footprint Data	SYM-44428-1601_3
Test Summary	444280001-TS-000

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