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Part Number:

0447691802

Status:

Active

Overview:

Micro-Fit 3.0 Connector System Product Family

Description:

Micro-Fit BMI Receptacle Header, Dual Row, Vertical, with Press-fit Plastic Pegs, 0.38µm Gold (Au) Selective, 18 Circuits

Documents:

- Drawing (PDF)

RoHS Certificate of Compliance (PDF)
- 3D Model

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

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

44769

Application

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

Overview

Micro-Fit 3.0 Connector System Product Family

Product Literature Order No

987650-5984

Product Name

Micro-Fit BMI

UPC

800756569239

Physical

Circuits (Loaded)

18

Circuits (maximum)

18

Color - Resin

Black

Durability (mating cycles max)

30

Flammability

94V-0

Glow-Wire Capable

No

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Liquid Crystal Polymer

Net Weight

3.266/g

Number of Rows

2

Orientation

Vertical

PC Tail Length

3.40mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.57mm

Packaging Type

Tray

Pitch - Mating Interface

3.00mm

Plating min - Mating

0.381µm

Plating min - Termination

2.540µm

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

8.5A

Voltage - Maximum

250V

Solder Process Data

Duration at Max. Process Temperature (seconds)

005



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

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

44769 Series

Mates With

44428 Micro-Fit BMI Right Angle Headers,
44432 Micro-Fit BMI Vertical Headers,
44300 Micro-Fit BMI Plug Housing, 45280
Micro-Fit BMI CPI Compliant Pin Header

Lead-free	Process 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-44769-001
Symbol/Footprint Data	SYM-44769-1801

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