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Part Number:

0447642001

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit BMI Receptacle Header, Dual Row, Right-Angle, with Press-fit Plastic Pegs, 2.54µm Tin (Sn), 20 Circuits

Documents:

- Drawing (PDF)

3D Model (PDF)

3D Model

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

Packaging Specification PK-44764-001-001 (PDF)
- Test Summary TS-44764-001-001 (PDF)

Symbol Footprint Data SYM-44764-2001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

44764

Application

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

Overview

Micro-Fit Connector System

Product Name

Micro-Fit BMI

UPC

756054398708

Physical

Circuits (Loaded)

20

Circuits (maximum)

20

Durability (mating cycles max)

30

Flammability

94V-0

Glow-Wire Capable

No

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Net Weight

5.416/g

Number of Rows

2

Orientation

Right Angle

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Tray

Pitch - Mating Interface

3.00mm

Plating min - Mating

1.016µm

Plating min - Termination

1.016µm

Polarized to PCB

Yes

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

44764 Series

Mates With

44428 Micro-Fit BMI Right Angle Headers,
44432 Micro-Fit BMI Vertical Headers,
44300 Micro-Fit BMI Plug Housing

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-44764-001-001
Product Specification	PS-44300-001-001
Sales Drawing	SD-44764-001-001
Symbol/Footprint Data	SYM-44764-2001-001
Test Summary	TS-44764-001-001

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