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Part Number:

44068-0039

Status:

Active

Overview:

Mini-Fit® Blind Mate Interface (BMI) Connectors

Description:

Mini-Fit® BMI, 260C Wave Solderable, 4.20mm Pitch, Dual Row, Vertical, for 1.60mm PCB, 14 Circuits, Gold (Au) Plating, without Solderable Retention Clip



Series

image - Reference only

Documents:

- 3D Model

Test Summary TS-43810-001 (PDF)
- Drawing (PDF)

Test Summary TS-43879-001 (PDF)
- Product Specification PS-43810-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-45750-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

44068

Application

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

Comments

Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-Fit® Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex product specification PS-45750-001 for additional current de-rating information.

Overview

Mini-Fit® Blind Mate Interface (BMI) Connectors

Product Name

Mini-Fit® BMI

UPC

800756049564

Physical

Breakaway

No

Circuits (Loaded)

14

Circuits (maximum)

14

Color - Resin

Black

Durability (mating cycles max)

30

Flammability

94V-0

Glow-Wire Compliant

No

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Gold

Material - Resin

High Temperature Thermoplastic

Net Weight

6.322/g

Number of Rows

2

Orientation

Vertical

PC Tail Length

3.30mm

PCB Locator

Yes

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Tray

Pitch - Mating Interface

4.20mm

Pitch - Termination Interface

4.20mm

Plating min - Mating

0.762µm

Plating min - Termination

0.762µm

Polarized to PCB

Yes

Shrouded

Partial

Stackable

No

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
44068Series

Mates With
42385 , 42474 , 44475 , 44516 , 5557 Dual Row

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	13A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-43810-001, PS-45750-001
Sales Drawing	SD-44068-031
Test Summary	TS-43810-001, TS-43879-001

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