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Part Number:

0440680050

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, Tin (Sn) Plating, with Solderable Retention Clip

Documents:

3D Model

Drawing (PDF)

Product Specification PS-43810-001 (PDF)

Product Specification PS-45750-001 (PDF)

Test Summary TS-43879-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

44068

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

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.

Mini-Fit® Blind Mate Interface (BMI) Connectors

Mini-Fit® BMI

800756049557

Overview

Product Name

UPC

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

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

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

No

14

14

Black

30

94V-0

No

Brass

Tin

Tin

High Temperature Thermoplastic

6.882/g

2

Vertical

4.42mm

Yes

Yes

2.40mm

Tray

4.20mm

4.20mm

2.540µm

2.540µm

Yes

Partial

No

Yes

-40°C to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

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

Green Image

Not Relevant

Search Parts in this Series

44068 Series

Mates With

42385 , 42474 , 44475 , 44516 , 5557 Dual Row

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	13.0A
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-43810-001, PS-45750-001
Sales Drawing	SD-44068-031
Test Summary	TS-43879-001

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