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Part Number:

0440680055

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, 24 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

800753962859

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

24

24

Black

30

94V-0

No

Brass

Tin

Tin

High Temperature Thermoplastic

10.776/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

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](mailto: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               |
| <b>Electrical</b>                              |                            |
| Current - Maximum per Contact                  | 13.0A                      |
| Voltage - Maximum                              | 600V                       |
| <b>Solder Process Data</b>                     |                            |
| Duration at Max. Process Temperature (seconds) | 005                        |
| Lead-freeProcess Capability                    | WAVE                       |
| Max. Cycles at Max. Process Temperature        | 001                        |
| Process Temperature max. C                     | 260                        |
| <b>Material Info</b>                           |                            |
| <b>Reference - Drawing Numbers</b>             |                            |
| Product Specification                          | PS-43810-001, PS-45750-001 |
| Sales Drawing                                  | SD-44068-031               |
| Test Summary                                   | TS-43879-001               |

This document was generated on 06/29/2015

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