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Part Number:

15-24-9184

Status:

Active

Overview:

Mini-Fit® Blind Mate Interface (BMI) Connectors

Description:

Mini-Fit® BMI Header, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 18 Circuits, PA Polyamide Nylon 6/6, UL 94V-0, with Tin (Sn) Plating



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-45750-001 \(PDF\)](#)
- [Product Specification PS-5556-002 \(PDF\)](#)
- [Test Summary TS-42404-001 \(PDF\)](#)
- [Test Summary TS-5556-002 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

42404

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.

Overview

Product Name

UPC

Mini-Fit® Blind Mate Interface (BMI) Connectors

Mini-Fit® BMI

800753684263

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

Guide to Mating Part

Lock to Mating Part

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

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

No

18

18

Natural (White)

30

94V-0

No

Yes

Yes

Brass

Tin

Tin

Nylon

7.033/g

2

Right Angle

3.30mm

Yes

Yes

1.80mm

Tray

4.20mm

2.540µm

2.540µm

Yes

Yes

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

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
42404Series

Mates With
15-06-0181 Mini-Fit® BMI Panel Mount Receptacle, 39-01-2185 Mini-Fit Jr.™ Receptacle, 15-24-7181 Mini-Fit® BMI Vertical Receptacle Header, 44516-0009 Mini-Fit® BMI Slide-and-Lock Panel Mount Receptacle

Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
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	240
Material Info	
Old Part Number	A-42404-18B1
Reference - Drawing Numbers	
Product Specification	PS-45750-001, PS-5556-002
Sales Drawing	SDA-42404-****
Test Summary	TS-42404-001, TS-5556-002

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