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Part Number:

0455670002

Status:

Active

Overview:

Mini-Fit® Blind Mate Interface (BMI) Connectors

Description:

Mini-Fit Jr.® BMI Header, 4.20mm Pitch, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 36 Circuits, Gold (Au) Plating

Documents:

- 3D Model

Test Summary TS-42404-001 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

45567

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

822348425235

Physical

Breakaway

No

Circuits (Loaded)

36

Circuits (maximum)

36

Color - Resin

Black

Durability (mating cycles max)

30

First Mate / Last Break

Yes

Flammability

94V-0

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Gold

Material - Resin

Polyester

Net Weight

13.913/g

Number of Rows

2

Orientation

Right Angle

PC Tail Length

3.30mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.80mm

Packaging Type

Tray

Pitch - Mating Interface

4.20mm

Plating min - Mating

2.540µm

Plating min - Termination

0.762µm

Polarized to PCB

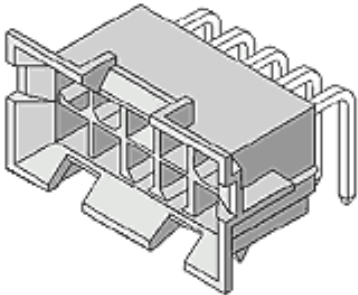
Yes

Shrouded

Partial

Stackable

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2015 June 15): 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

45567 Series

Mates With

44516 Slide-and-Lock Receptacle, 43760 Receptacle, 43974 Receptacle Housing

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
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	240
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SD-45567-001
Test Summary	TS-42404-001

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