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Part Number:

0015249065

Status:

Active

Description:

4.20mm (.165") Pitch Mini-Fit BMI™ Header, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 6 Circuits, PA Polyamide Nylon 6/6, UL 94V-0, with Overall Gold (Au) Plating

Documents:

3D Model

Drawing (PDF)

Packaging Specification (PDF)

Product Specification PS-5556-002 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Application

Comments

PCB Headers

42404

Board-to-Board

Wire-to-Board

Current = 12A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire.. See Molex product specification PS-45750-001 for additional current de-rating information.

Mini-Fit BMI™

Product Name

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

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

No

6

6

Natural (White)

30

94V-0

No

Yes

Yes

Brass

Gold

Gold

Nylon

2

Right Angle

0.130 In

3.30 mm

Yes

Yes

0.070 In

1.80 mm

Tray

0.165 In

4.20 mm

30.4

0.76

30.4

0.76

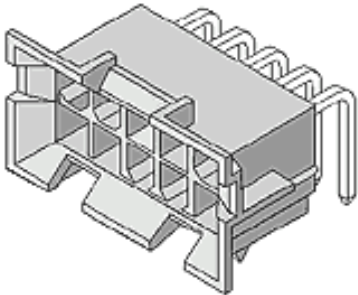
Yes

Yes

Partial

No

No



Series image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

42404 Series

Mates With

15-06-0061 Mini-Fit BMI™ Panel Mount Receptacle, 39-01-2065 Mini-Fit Jr.™ Receptacle, 15-24-7063 Mini-Fit BMI™ Vertical Receptacle Header

Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
CSA	LR19980
Current - Maximum	12A
Current - Maximum	8A
UL	E29179
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-42404-06B2
Reference - Drawing Numbers	
Product Specification	PS-5556-002
Sales Drawing	SDA-42404-****

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