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**Part Number:** [0015246060](#)

**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, 6 Circuits, PA Polyamide Nylon 6/6, UL 94V-2, with Tin (Sn) Plating

**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

PCB Headers

Series

42404

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.

MolexKits

Yes

Overview

[Mini-Fit® Blind Mate Interface \(BMI\) Connectors](#)

Product Name

Mini-Fit® BMI

UPC

800753689077

**Physical**

Breakaway No

Circuits (Loaded) 6

Circuits (maximum) 6

Color - Resin Natural

Durability (mating cycles max) 30

Flammability 94V-2

Glow-Wire Compliant No

Guide to Mating Part Yes

Lock to Mating Part Yes

Material - Metal Brass

Material - Plating Mating Tin

Material - Plating Termination Tin

Material - Resin Nylon

Net Weight 2.976/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

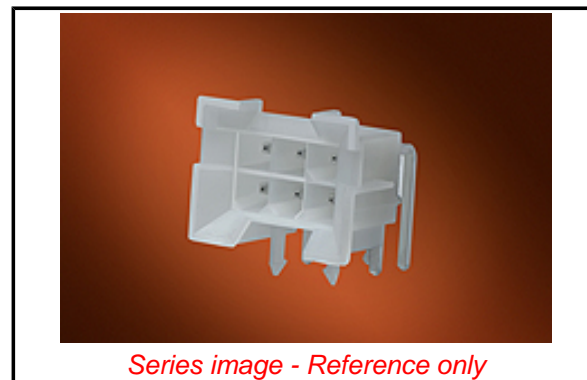
Pitch - Mating Interface 4.20mm

Plating min - Mating 2.540µm

Plating min - Termination 2.540µm

Polarized to Mating Part Yes

Polarized to PCB Yes



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014

December 17): No

**Halogen-Free**

**Status**

**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

Green Image

ELV

Not Relevant

**Search Parts in this Series**

[42404](#) Series

**Mates With**

[15-06-0060](#) Mini-Fit® BMI Panel Mount

Receptacle, [39-01-2060](#) Mini-Fit Jr.™

Receptacle, [15-24-7060](#) Mini-Fit® BMI

Vertical Receptacle Header, [44475-0611](#)

Mini-Fit® BMI Vertical Receptacle Header

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	13.0A
Voltage - Maximum	600V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240

**Material Info**

Old Part Number	A-42404-06A1
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**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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