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**Part Number:** [0015247060](#)  
**Status:** **Active**  
**Overview:** [minifit\\_bmi](#)  
**Description:** 4.20mm (.165") Pitch Mini-Fit BMI™ Receptacle Header, Dual Row, Vertical, with Snap-In Plastic Pegs, Post 2.54µm (100µ") Tin (Sn), UL 94V-2, 6 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-5556-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series 42385  
 Application Board-to-Board  
 Comments Solder Type|With Pegs  
 MolexKits Yes  
 Overview [minifit\\_bmi](#)  
 Product Name Mini-Fit BMI™

**Physical**

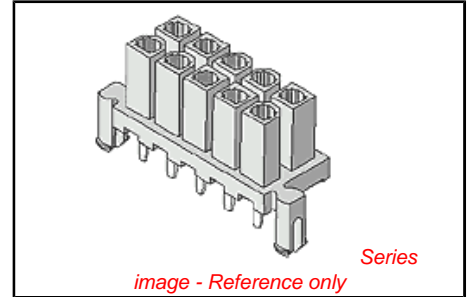
Circuits (Loaded) 6  
 Color - Resin Natural  
 Durability (mating cycles max) 30  
 Flammability 94V-2  
 Glow-Wire Compliant No  
 Guide to Mating Part Yes  
 Keying to Mating Part None  
 Lock to Mating Part None  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Resin Nylon  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness Recommended (in) 0.070 In  
 PCB Thickness Recommended (mm) 1.80 mm  
 Packaging Type Tray  
 Pitch - Mating Interface (in) 0.165 In  
 Pitch - Mating Interface (mm) 4.20 mm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 9A  
 Grounding to PCB No  
 Voltage - Maximum 600V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 5



<p><b>EU RoHS</b>  <b>ELV and RoHS</b>  <b>Compliant</b>  <b>REACH SVHC</b>  <b>Contains SVHC: No</b>  <b>Halogen-Free</b>  <b>Status</b>  <b>Not Reviewed</b></p>	<p><b>China RoHS</b></p>
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**Need more information on product environmental compliance?**  
 Email [productcompliance@molex.com](mailto: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**  
[42385Series](#)

**Mates With**  
[42475](#) Panel Mount Plug, [42404](#) Vertical Header, [42440](#) Vertical Header, [43879](#) Vertical Header, [44068](#) Vertical Header

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	42385-06A1
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**Reference - Drawing Numbers**

Packaging Specification	PK-42385-999
Product Specification	PS-5556-002
Sales Drawing	SDA-42385-*
Test Summary	TS-5556-002

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