

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0438796027](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit BMI Connectors](#)  
**Description:** Mini-Fit BMI Header Compliant Pin Interface, Dual Row, Vertical, 14 Circuits, Make First/Break Last, Tin (Sn)over Nickel Plating, Press Fit Tail

**Documents:**

[Drawing \(PDF\)](#) [Test Summary TS-43879-001-001 \(PDF\)](#)  
[Product Specification PS-43879-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-43879-001-000 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**Application tooling part link**

Application Tooling Part Link 62200-9400

**General**

Product Family PCB Headers  
 Series [43879](#)  
 Application Board-to-Board, Power, Wire-to-Board  
 Comments Square Pin|Compliant Pin  
 Overview [Mini-Fit BMI Connectors](#)  
 Product Name Mini-Fit BMI  
 UPC 883906383664

**Physical**

Breakaway No  
 Circuits (Loaded) 14  
 Circuits (maximum) 14  
 Color - Resin Black  
 Durability (mating cycles max) 30  
 First Mate / Last Break Yes  
 Flammability 94V-0  
 Glow-Wire Capable No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Brass, Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Nickel  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 7.104/g  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length 6.25mm  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Tray  
 Pitch - Mating Interface 4.20mm  
 Pitch - Termination Interface 4.20mm  
 Polarized to Mating Part Yes  
 Polarized to PCB No  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) No



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)4578-DC (25  
 June 2020)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[43879](#) Series

**Mates With**

[5557](#) Mini-Fit Jr. Receptacle Housing, [42385](#) Mini-Fit BMI Receptacle Header, Mini-Fit BMI Receptacle Housing [42474](#) , [44516](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below.*

*Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Flat Rock Tool for Header [622009400](#)

Temperature Range - Operating -40° to +105°C  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 8.0A  
Voltage - Maximum 600V AC (RMS)/DC

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-43879-001-000  
Product Specification PS-43879-001-001  
Sales Drawing SD-43879-061-000  
Test Summary TS-43879-001-001

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