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**Part Number:** [43879-0065](#)

**Status:** **Active**

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

**Description:** Mini-Fit® BMI Header Compliant Pin Interface, Dual Row, Vertical, 24 Circuits, 0.76µm Gold (Au) Selective Contact Plating, Tin (Sn) Press-fit Tail Plating

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-43879-001 \(PDF\)](#)

[Test Summary TS-43879-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [43879](#)  
Application Board-to-Board, Power, Wire-to-Board  
Application Tooling Part Link [62200-5800](#)  
Application Tooling Part Link [62200-9400](#)  
Comments Square Pin|Compliant Pin  
Overview [Mini-Fit® Blind Mate Interface \(BMI\) Connectors](#)  
Product Literature Order No USA-143  
Product Name Mini-Fit® BMI  
UPC 822350046152

**Physical**

Breakaway No  
Circuits (Loaded) 24  
Circuits (maximum) 24  
Color - Resin Black  
Durability (mating cycles max) 30  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Compliant No  
Guide to Mating Part No  
Keying to Mating Part None  
Lock to Mating Part Yes  
Material - Metal Brass, Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 11.048/g  
Number of Rows 2  
Orientation Vertical  
PC Tail Length 6.35mm  
PCB Locator Yes  
PCB Retention Yes  
Packaging Type Tray  
Pitch - Mating Interface 4.20mm  
Pitch - Termination Interface 4.20mm  
Plating min - Mating 0.762µm  
Plating min - Termination 2.540µm  
Polarized to Mating Part Yes  
Polarized to PCB No

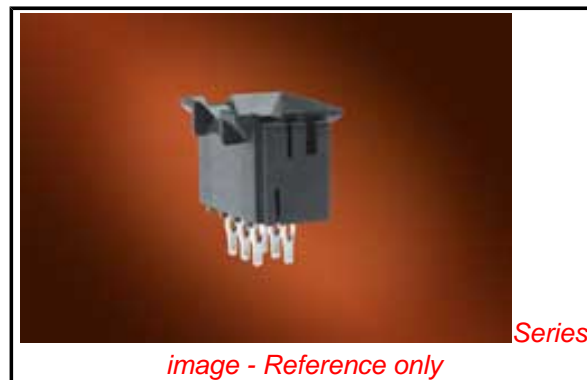


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

**Contains SVHC: No Low-Halogen Status Not Low-Halogen**

**China RoHS**



**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**

[43879Series](#)

**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	<a href="#">0622009400</a>
Compliant Pin	<a href="#">0622005800</a>
Insertion Tooling Kit for Arbor Press	

Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	8A
Voltage - Maximum	600V

**Material Info****Reference - Drawing Numbers**

Product Specification	PS-43879-001
Sales Drawing	SD-43879-021
Test Summary	TS-43879-001

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