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**Part Number:** [43879-6029](#)  
**Status:** **Active**  
**Overview:** Mini-Fit® Compliant Pin Interface (CPI)  
**Description:** 4.20mm Pitch Mini-Fit® CPI Header, Compliant Pin Interface, Dual Row, Vertical, 4 Circuits, Tin (Sn)over Nickel Plating, Press Fit Tail

**Documents:**

[3D Model](#) [Test Summary TS-43879-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-43879-001 \(PDF\)](#)

**Agency Certification**

CSA	LR19980
TUV	R72081037
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">43879</a>
Application	Board-to-Board, Power, Wire-to-Board
Comments	Square Pin Compliant Pin
Overview	<a href="#">Mini-Fit® Compliant Pin Interface (CPI)</a>
Product Name	Mini-Fit® CPI
UPC	884982150942

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	Yes
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	Tin
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	3.009/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	6.35mm
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
Temperature Range - Operating	-40°C to +105°C



**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](#)

Termination Interface: Style

Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact

8A

Voltage - Maximum

600V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-43879-001

Sales Drawing

SD-43879-061

Test Summary

TS-43879-001

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