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Part Number: [43879-6046](#)
Status: **Active**
Overview: Mini-Fit® Compliant Pin Interface (CPI)
Description: 4.20mm Pitch Mini-Fit® CPI Header, Compliant Pin Interface, Dual Row, Vertical, 6 Circuits, Gold (Au) over Tin (Sn) Plating, Press Fit Tail

Documents:

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

Agency Certification

CSA LR19980
TUV R72081037
UL E29179

General

Product Family PCB Headers
Series [43879](#)
Application Board-to-Board, Power, Wire-to-Board
Application Tooling Part Link 62200-9400
Comments Square Pin|Compliant Pin
Overview [Mini-Fit® Compliant Pin Interface \(CPI\)](#)
Product Name Mini-Fit® CPI
UPC 887191070346

Physical

Breakaway No
Circuits (Loaded) 6
Circuits (maximum) 6
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 Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 3.814/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
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	0622009400

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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