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Part Number: [43879-6006](#)
Status: **Active**
Overview: Mini-Fit® Compliant Pin Interface (CPI)
Description: 4.20mm Pitch Mini-Fit® CPI Header, Compliant Pin Interface, Dual Row, Vertical, 14 Circuits, Make First/Break Last, 2.54µm Tin (Sn) over Nickel Plating

Documents:

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

Agency Certification

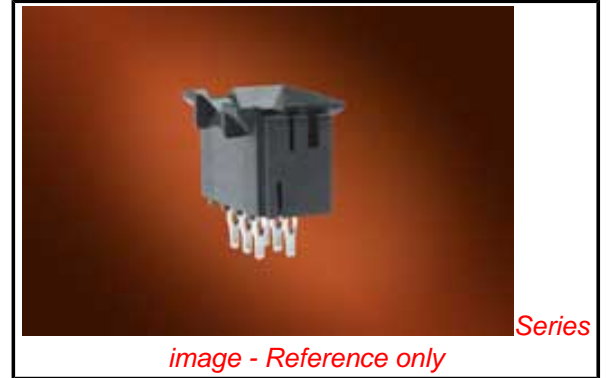
CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	PCB Headers
Series	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	822348126286

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 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	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.969/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



EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Not Low-Halogen	China RoHS 
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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

Temperature Range - Operating -40°C to +105°C
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

This document was generated on 06/25/2013

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