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Part Number: **0438790029**
Status: **Active**
Overview: Mini-Fit CPI™
Description: 4.20mm (.165") Pitch Mini-Fit CPI™ Header, Compliant Pin Interface, Dual Row, Vertical, 18 Circuits, Tin (Sn) Plating

Documents:

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

Agency Certification

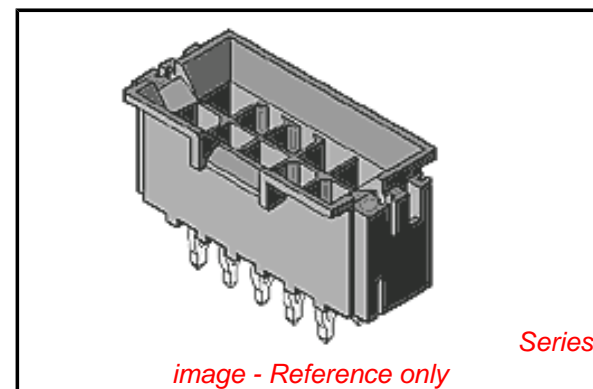
CSA LR19980
TUV R72081037
UL E29179

General

Product Family PCB Headers
Series 43879
Application Board-to-Board, Wire-to-Board
Application Tooling Part Link 622005800
Application Tooling Part Link 622009400
Comments Square Pin|Compliant Pin
Overview Mini-Fit CPI™
Product Literature Order No USA-143
Product Name Mini-Fit CPI™

Physical

Breakaway No
Circuits (Loaded) 18
Circuits (maximum) 18
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 Tin
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Vertical
PC Tail Length (in) 0.250 In
PC Tail Length (mm) 6.35 mm
PCB Locator No
PCB Retention Yes
Packaging Type Tray
Pitch - Mating Interface (in) 0.165 In
Pitch - Mating Interface (mm) 4.20 mm
Pitch - Term. Interface (in) 0.165 In
Pitch - Term. Interface (mm) 4.20 mm
Plating min: Mating (µin) 100
Plating min: Mating (µm) 2.50
Plating min: Termination (µin) 100



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Halogen-Free Status
Not Halogen-Free

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

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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 #
Compliant Pin	0622005800
Insertion Tooling Kit for Arbor Press	
Flat Rock Tool for Mini-Fit CPI™ Header	0622009400

Plating min: Termination (µm)	2.50
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
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

This document was generated on 04/09/2010

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