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Part Number:

43879-0036

Status:

Active

Overview:

Mini-Fit® Compliant Pin Interface (CPI)

Description:

4.20mm Pitch Mini-Fit® CPI Header, Compliant Pin Interface, Dual Row, Vertical, 10 Circuits, Gold (Au) Selective Contact Plating, Tin/Lead (Sn/Pb) Press-fit Tail Plating

Documents:

3D Model

Test Summary TS-43879-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-43879-001 (PDF)

Product Literature (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

622005800

Application Tooling Part Link

622009400

Comments

Square Pin|Compliant Pin

Overview

Mini-Fit® Compliant Pin Interface (CPI)

Product Literature Order No

USA-143

Product Name

Mini-Fit® CPI

Physical

Breakaway

No

Circuits (Loaded)

10

Circuits (maximum)

10

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-Lead

Material - Resin

High Temperature Thermoplastic

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

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

No

Shrouded

Partial



image - Reference onlySeries

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Reviewed

China RoHS

50

Pb

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
Compliant Pin Insertion Tooling Kit for Arbor Press	0622005800

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
Solder Process Data	
Replacement RoHS Compliant Part Number	0438790058
Material Info	
UPC	800753236448
Reference - Drawing Numbers	
Product Specification	PS-43879-001
Sales Drawing	SD-43879-021
Test Summary	TS-43879-001

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