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Part Number: 43879-0038

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, Gold (Au) Selective Contact Plating, Tin/Lead (Sn/Pb) Press-fit Tail Plating

Documents:
3D Model
Drawing (PDF)
Product Specification PS-43879-001 (PDF)

Test Summary TS-43879-001 (PDF)
RoHS Certificate of Compliance (PDF)
Product Literature (PDF)

Series image - Reference only

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)	14
Circuits (maximum)	14
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

EU RoHS
RoHS Compliant by Exemption
REACH SVHC
Contains SVHC: No
Low-Halogen Status Not Reviewed

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
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	0438790060

Material Info

UPC	800754895712

Reference - Drawing Numbers

Product Specification	PS-43879-001
Sales Drawing	SD-43879-021
Test Summary	TS-43879-001

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