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Part Number:

0438799905

Status:

Obsolete

Overview:

minifit_cpi

Description:

4.20mm (.165") Pitch Mini-Fit® CPI Header, Compliant Pin Interface, Dual Row, Vertical, 14 Circuits, 0.76µm (30µ") Gold (Au) Selective Contact Plating, Tin (Sn) PressFit Tail Plating



Series

image - Reference only

Documents:
[Drawing \(PDF\)](#)

General

Product Family	PCB Headers
Series	43879
Application	Board-to-Board, Power, Wire-to-Board
Application Tooling Part Link	622009400
Comments	Square Pin Compliant Pin
Overview	minifit_cpi
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	Yes
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
Number of Rows	2
Orientation	Vertical
PC Tail Length	6.35mm (.250")
PCB Locator	No
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	4.20mm (.165")
Pitch - Termination Interface	4.20mm (.165")
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
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	8A
Voltage - Maximum	600V AC (RMS)/DC

Material Info

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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 Mini-Fit CPI™ Header	0622009400

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