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Part Number:

43879-0032

Status:

Active

Overview:

Mini-Fit® Blind Mate Interface (BMI) Connectors

Description:

Mini-Fit® BMI Header Compliant Pin Interface, Dual Row, Vertical, 24 Circuits, Tin (Sn) Plating



Series

image - Reference only

Documents:

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

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	62200-5800
Application Tooling Part Link	62200-9400
Comments	Square Pin Compliant Pin
Overview	Mini-Fit® Blind Mate Interface (BMI) Connectors
Product Literature Order No	USA-143
Product Name	Mini-Fit® BMI
UPC	800753236509

Physical

Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
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
Net Weight	11.048/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
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes

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

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.

Description	Product #
Flat Rock Tool for Header	0622009400
Compliant Pin	0622005800
Insertion Tooling Kit for Arbor Press	

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
Test Summary	TS-43879-001

This document was generated on 10/09/2014

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