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Part Number:

0438796030

Status:

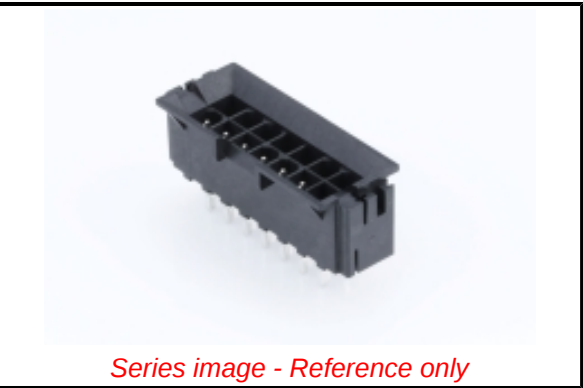
Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit BMI Header Compliant Pin Interface, Dual Row, Vertical, 14 Circuits, Make First/Break Last, Tin (Sn)over Nickel Plating, Press Fit Tail



Documents:

[3D Model \(PDF\)](#)

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-43879-001-001 \(PDF\)](#)

[Packaging Specification PK-43879-001-000 \(PDF\)](#)

[Test Summary TS-43879-001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	43879
Application	Board-to-Board, Power, Wire-to-Board
Comments	Square Pin Compliant Pin
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit BMI
UPC	884982150966
Physical	
Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Capable	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	Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	7.134/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	6.25mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

43879 Series

Mates With

5557 Mini-Fit Jr. Receptacle Housing, 42385 Mini-Fit BMI Receptacle Header, Mini-Fit BMI Receptacle Housing 42474 , 44516

Electrical

Current - Maximum per Contact	8.0A
Voltage - Maximum	600V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43879-001-000
Product Specification	PS-43879-001-001
Sales Drawing	SD-43879-061-000
Test Summary	TS-43879-001-001

This document was generated on 09/27/2021

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