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Part Number:

0438790065

Status:

Active

Overview:

Mini-Fit BMI Connectors

Description:

Mini-Fit BMI Header Compliant Pin Interface, Dual Row, Vertical, 24 Circuits, 0.76µm Gold (Au) Selective Contact Plating, Tin (Sn) Press-fit Tail Plating

Documents:

3D Model

3D Model (PDF)

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
Application tooling part link	
Application Tooling Part Link	62200-5800
Application Tooling Part Link	62200-9400
General	
Product Family	PCB Headers
Series	43879
Application	Board-to-Board, Power, Wire-to-Board
Comments	Square Pin Compliant Pin
Overview	Mini-Fit BMI Connectors
Product Name	Mini-Fit BMI
UPC	822350046152
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 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	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	11.048/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	6.25mm
PCB Locator	Yes
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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)4578-DC (25 June 2020)	
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

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 #
Compliant Pin	622005800
Insertion Tooling Kit for Arbor Press	
Flat Rock Tool for Header	622009400

Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	8.0A
Voltage - Maximum	600V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-43879-001-000
Product Specification	PS-43879-001-001
Sales Drawing	SD-43879-021-000
Test Summary	TS-43879-001-001

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