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Part Number: [0438790022](#)
Status: **Active**
Overview: [Mini-Fit BMI Connectors](#)
Description: Mini-Fit BMI Header Compliant Pin Interface, Dual Row, Vertical, 4 Circuits, Tin (Sn) Plating

Documents:
[3D Model](#) [Packaging Specification PK-43879-001-000 \(PDF\)](#)
[3D Model \(PDF\)](#) [Test Summary TS-43879-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-43879-001-001 \(PDF\)](#)

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	800753952096
Physical	
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.949/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
Plating min - Mating	2.540µm
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
[15060040](#) UL 94V2 Mini-Fit BMI Receptacle Housing, [15060041](#) UL 94V0 Mini-Fit BMI Receptacle Housing, [15247040](#) UL 94V2 Mini-Fit BMI Receptacle Header, [15247041](#) UL 94V0 Mini-Fit BMI Receptacle Header

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)	No
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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