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Part Number:

0438796015

Status:

Active

Overview:

Mini-Fit® Blind Mate Interface (BMI) Connectors

Description:

Mini-Fit® BMI Header Compliant Pin Interface, Dual Row, Vertical, 10 Circuits, Make First/Break Last, 0.76µm Gold (Au) Selective Contact Plating, Tin (Sn) Press-fit Tail Plating

Documents:

3D Model

Packaging Specification PK-43879-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-43879-001-001 (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	43879
Application	Board-to-Board, Power, Wire-to-Board
Application Tooling Part Link	62200-9400
Comments	Square Pin Compliant Pin
Overview	Mini-Fit® Blind Mate Interface (BMI) Connectors
Product Name	Mini-Fit® BMI
UPC	822350046237

Physical	
Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	Yes
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	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.334/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
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/21/2016 (20 June

2016)

Halogen-Free

Status

Not Low-Halogen

Need more information on product

environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any

non-product compliance questions.

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 #
Flat Rock Tool for Header	0622009400

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
Product Specification	PS-43879-001-001
Sales Drawing	SD-43879-061-000

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