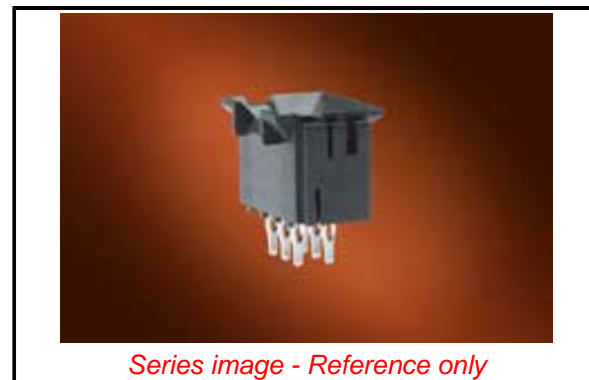


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0438790032](#)
Status: **Active**
Overview: Mini-Fit BMI Connectors
Description: Mini-Fit® BMI Header Compliant Pin Interface, Dual Row, Vertical, 24 Circuits, Tin (Sn) Plating

Documents:

3D Model	Packaging Specification PK-43879-001-000 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-43879-001-001 (PDF)	Product Literature (PDF)
Product Specification TS-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	62200-5800
Application Tooling Part Link	62200-9400
Comments	Square Pin Compliant Pin
Overview	Mini-Fit 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
Polarized to PCB	No

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

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](#)

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	8.0A
Voltage - Maximum	600V

Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-43879-001-000
Product Specification	PS-43879-001-001, TS-43879-001-001
Sales Drawing	SD-43879-021-000

This document was generated on 08/30/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION