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Part Number: [0444321602](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: Micro-Fit BMI Header, Dual Row, Vertical, with PCB Polarizing Peg, 16 Circuits, 0.38µm Gold (Au) Selective Plating, Kinked Tails

Documents:

3D Model (PDF)	Test Summary 443000002-TS-000 (PDF)
3D Model	Datasheet (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-44432-1601-001 (PDF)
Product Specification PS-44300-001-001 (PDF)	Symbol Footprint Data SYM-44432-160X-001 (PDF)
Packaging Specification PK-44432-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

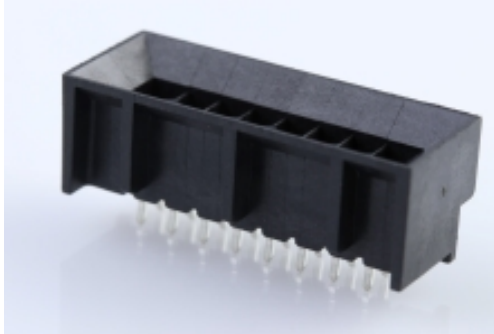
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	44432
Application	Board-to-Board, Power, Wire-to-Board
Comments	High Temperature, Square Pin, Solder Type
Overview	Micro-Fit Connector System
Product Name	Micro-Fit BMI
Taxonomy	PCB Headers and Receptacles
UPC	800756378138

Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Capable	No
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.792/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

[44432](#) Series

Mates With

[44133](#) Micro-Fit BMI Panel Mount
Receptacle Housing, [44764](#) Micro-Fit BMI
Receptacle Header, [44769](#) Micro-Fit BMI
Receptacle Header

Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	250V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-44432-001-001
Product Specification	PS-44300-001-001
Sales Drawing	SD-44432-001-001
Symbol/Footprint Data	SYM-44432-1601-001, SYM-44432-160X-001
Test Summary	443000002-TS-000

This document was generated on 10/08/2022

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