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**Part Number:** [0444320611](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit BMI Header, Surface Mount Compatible, Dual Row, Vertical, with PCB Polarizing Peg, 6 Circuits, 0.38µm Gold (Au) Selective Plating, Straight Tails

**Documents:**

<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">3D Model (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

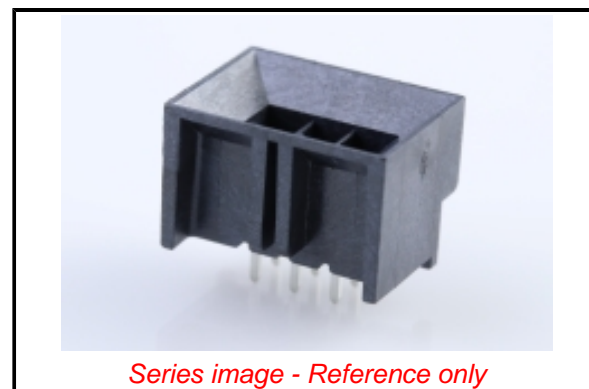
Product Family	PCB Headers
Series	<a href="#">44432</a>
Application	Board-to-Board, Power, Wire-to-Board
Comments	High Temperature Square Pin Solder Type
Overview	<a href="#">Micro-Fit Connector System</a>
Product Name	Micro-Fit BMI
UPC	191128454100

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.458/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.54mm
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)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	8.5A
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Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**  
**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[44432](#) Series

**Mates With**

[44133](#) Micro-Fit BMI Panel Mount  
Receptacle Housing <br> [44764](#) Micro-Fit  
BMI Receptacle Header <br> [44769](#) Micro-  
Fit BMI ReceptacleHeader

Voltage - Maximum 250V AC (RMS)/DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 030

Lead-free Process Capability SMC&WAVE

Max. Cycles at Max. Process Temperature 003

Process Temperature max. C 260

**Material Info**

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