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Part Number:

0444322403

Status:

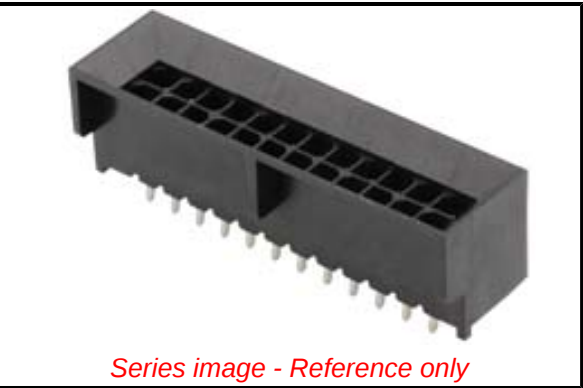
Active

Overview:

Micro-Fit 3.0 Connector System Product Family

Description:

Micro-Fit BMI Header, Surface Mount Compatible, Dual Row, Vertical, with PCB Polarizing Peg, 24 Circuits, 0.76µm Gold (Au) Selective Plating, Kinked Tails



Series image - Reference only

Documents:

[Drawing \(PDF\)](#)

[3D Model](#)

[Product Specification PS-44300-001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)

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 3.0 Connector System Product Family
Product Literature Order No		987650-5984
Product Name		Micro-Fit BMI
UPC		800756379081
Physical		
Breakaway		No
Circuits (Loaded)		24
Circuits (maximum)		24
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		3.828/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		0.762µm
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		

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/61/2018 (27 June 2018)	
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

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

Product Specification	PS-44300-001-001
Sales Drawing	SD-44432-001
Symbol/Footprint Data	SYM-44432-2401, SYM-44432-240X

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