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Part Number: [0444321601](#)
Status: **Active**
Overview:
Description: Micro-Fit BMI Header, Dual Row, Vertical, with PCB Polarizing Peg, 16 Circuits, Tin (Sn) Plating, Kinked Tails

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	microfit_30
Product Name	Micro-Fit BMI
UPC	800756378039

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	Tin
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	5.080µm
Plating min - Termination	5.080µm
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

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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not 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, [44764](#) Micro-Fit BMI
Receptacle Header, [44769](#) Micro-Fit BMI
Receptacle Header

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

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