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Part Number: [0444320803](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: Micro-Fit BMI Header, Dual Row, Vertical, with PCB Polarizing Peg, 8 Circuits, 0.76µm Gold (Au) Selective Plating, Kinked Tails

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[3D Model](#) [Product Literature \(PDF\)](#)
[Product Specification PS-44300-001-001 \(PDF\)](#)

Agency Certification

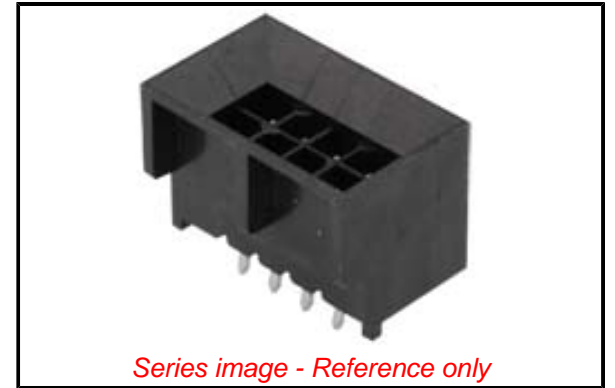
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [44432](#)
 3D Viewer Yes
 Application Board-to-Board, Power, Wire-to-Board
 CURRENT-MAX-NUMERIC 8.5
 Comments High Temperature|Square Pin|Solder Type, High Temperature|Square Pin|Solder Type
 Overview [Micro-Fit Connector System](#)
 PITCH-MATING-NUMERIC 3.00
 Product Literature Order No 987650-5984
 Product Name Micro-Fit BMI
 UPC 800756378671

Physical

Breakaway No
 Circuits (Loaded) 8
 Circuits (maximum) 8
 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 1.766/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) No



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/71/2019 (16 July
 2019)

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

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-free Process 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-44432-0801, SYM-44432-080X

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