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Part Number: [0444280402](#)

Status: **Active**

Overview: [Micro-Fit 3.0 Connector System Product Family](#)

Description: Micro-Fit BMI™ Header, Surface Mount Compatible, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 4 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

[Test Summary 444280001-TS-000 \(PDF\)](#)

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

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

Agency Certification

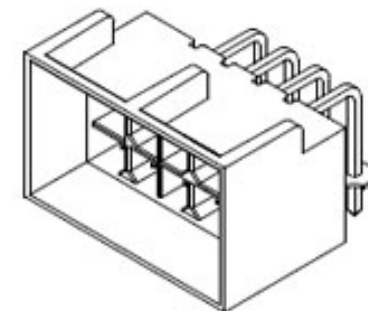
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [44428](#)
Application Board-to-Board, Power, Wire-to-Board
Comments High Temperature|Square Pin|Solder Type|Polarized to Mating Part
Overview [Micro-Fit 3.0 Connector System Product Family](#)
Product Literature Order No 987650-5984
Product Name Micro-Fit BMI™
UPC 800756379128

Physical

Breakaway No
Circuits (Loaded) 4
Circuits (maximum) 4
Color - Resin Black
Durability (mating cycles max) 30
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 1.394/g
Number of Rows 2
Orientation Right Angle
PC Tail Length 3.50mm
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 PCB Yes
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[44428](#) 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°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	5.0A
Voltage - Maximum	600V

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
Sales Drawing	SD-44428-001
Symbol/Footprint Data	SYM-44428-0401_3
Test Summary	444280001-TS-000

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