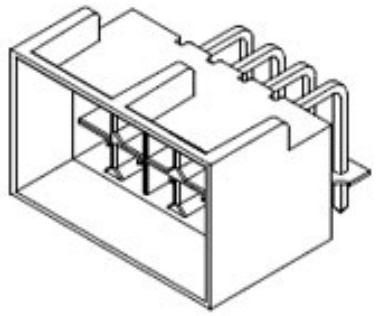
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Part Number: 0444280403
Status: Active
Overview: Micro-Fit 3.0 Connector System Product Family
Description: Micro-Fit BMI Header, Surface Mount Compatible, Dual Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 4 Circuits, 0.76µm Gold (Au) Selective Plating



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-44300-001-001 (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	800756379944

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 Capable	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	0.762µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes

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
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° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	600V

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-44428-001
Symbol/Footprint Data	SYM-44428-0401, SYM-44428-0401_3
Test Summary	444280001-TS-000

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