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Part Number: [0444320601](#)
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, 6 Circuits, Tin (Sn) Plating

Documents:

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

Agency Certification

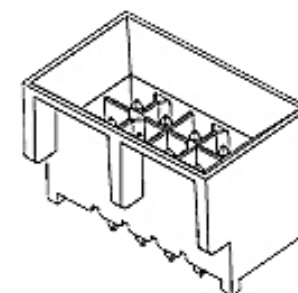
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [44432](#)
 Application Board-to-Board, Power, Wire-to-Board
 Comments High Temperature|Square Pin|Offset Through Hole Mounting|Solder Type
 MolexKits Yes
 Overview [Micro-Fit 3.0 Connector System Product Family](#)
 Product Literature Order No 987650-5984
 Product Name Micro-Fit BMI™
 UPC 800753300712

Physical

Breakaway No
 Circuits (Loaded) 6
 Circuits (maximum) 6
 Color - Resin Black
 Durability (mating cycles max) 30
 Flammability 94V-0
 Glow-Wire Compliant No
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 1.512/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 PCB Yes
 Shrouded Fully
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 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

[44432](#) Series

Mates With

[44133](#) Micro-Fit BMI™ Panel Mount Receptacle Housing, [44764](#) Micro-Fit BMI™ Receptacle Header, [44769](#) Micro-Fit BMI™ Receptacle Header

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 5.0A |
| 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 |
| Sales Drawing | SD-44432-001 |
| Symbol/Footprint Data | SYM-44432-060X |

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