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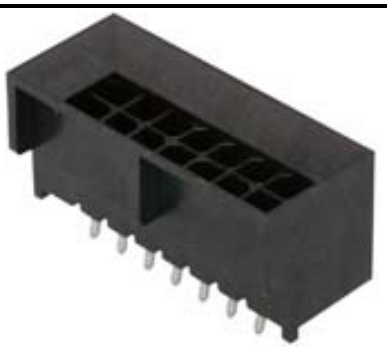
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**Part Number:** 0444321412

**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, 14 Circuits, 0.76µm Gold (Au) Selective Plating, Straight Tails



*Series image - Reference only*

**Documents:**

3D Model
Drawing (PDF)
Product Specification PS-44300-001-001 (PDF)
RoHS Certificate of Compliance (PDF)
Product Literature (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\|Solder Type |
| Overview | Micro-Fit 3.0 Connector System Product Family |
| Product Literature Order No | 987650-5984 |
| Product Name | Micro-Fit BMI |
| UPC | 191128454117 |

**Physical**

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 14 |
| Circuits (maximum) | 14 |
| 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 | Matte Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 2.454/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 3.30mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 2.54mm |
| 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) | Yes |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Through Hole |

**Electrical**

**EU ELV**
**Not Relevant**

**EU RoHS** **China RoHS**
**Compliant**

**REACH SVHC**
Not Contained Per -ED/01/2018 (15 January 2018)

**Halogen-Free Status**
**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 <br> 44764 Micro-Fit BMI Receptacle Header <br> 44769 Micro-Fit BMI ReceptacleHeader

| | |
|---|---|
| Current - Maximum per Contact | 8.5A |
| Voltage - Maximum | 250V AC (RMS)/DC |

**Solder Process Data**

| | |
|---|---|
| Duration at Max. Process Temperature (seconds) | 030 |
| Lead-freeProcess Capability | SMC&WAVE |
| Max. Cycles at Max. Process Temperature | 003 |
| Process Temperature max. C | 260 |

**Material Info**

**Reference - Drawing Numbers**

| | |
|---|---|
| Product Specification | PS-44300-001-001 |
| Sales Drawing | SD-44432-005 |

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