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**Part Number:** [0444320401](#)  
**Status:** **Active**  
**Overview:**  
**Description:** Micro-Fit BMI Header, Dual Row, Vertical, with PCB Polarizing Peg, 4 Circuits, Tin (Sn) Plating, Kinked Tails

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers                             |
| Series         | <a href="#">44432</a>                   |
| Application    | Board-to-Board, Power, Wire-to-Board    |
| Comments       | High Temperature Square Pin Solder Type |
| Overview       | microfit_30                             |
| Product Name   | Micro-Fit BMI                           |
| UPC            | 800756377889                            |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 4                              |
| Circuits (maximum)             | 4                              |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 30                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | No                             |
| Material - Metal               | Brass                          |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 1.248/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 Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Shrouded                       | Fully                          |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | No                             |
| 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-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |

**EU ELV  
Compliant**

**EU RoHS  
Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

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

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-44432-0401   |

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