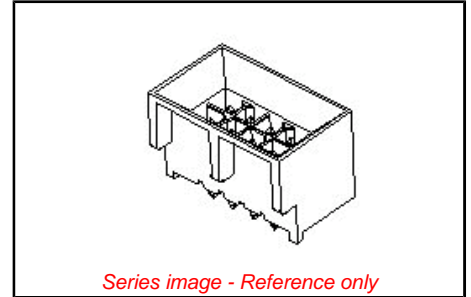


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**Part Number:** [0444321201](#)  
**Status:** **Active**  
**Overview:**  
**Description:** 3.00mm (.118") Pitch Micro-Fit 3.0 BMI™ Header, Surface Mount Compatible, Dual Row, Vertical, with PCB Polarizing Peg, 12 Circuits, Tin (Sn) Plating

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification (PDF)</a>
<a href="#">Product Literature (PDF)</a>	<a href="#">Product Specification PS-44300-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	PCB Headers
Series	44432
Application	Board-to-Board
Application	Wire-to-Board
Comments	High Temperature Square Pin Offset Through Hole Mounting Solder Type
Overview	Micro-Fit, 3.0&#153;
Product Name	Micro-Fit 3.0 BMI™

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.130 In
PC Tail Length (mm)	3.30 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.118 In
Pitch - Mating Interface (mm)	3.00 mm
Plating min: Mating (µin)	200
Plating min: Mating (µm)	5
Plating min: Termination (µin)	200
Plating min: Termination (µm)	5
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**

CSA	LR19980
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**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**Need more information on product environmental compliance?**

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

**China RoHS**



**Search Parts in this Series**

[44432 Series](#)

**Mates With**

[44133](#) , [44764](#) , [44769](#)

Current - Maximum	5A
TUV	R72081037
UL	E29179
Voltage - Maximum	250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-44300-001
Product Specification	RPS-44300-001
Sales Drawing	SD-44432-001

This document was generated on 11/05/2009

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