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**Part Number:** [0447691001](#)

**Status:** **Active**

**Overview:**

**Description:** 3.00mm (.118") Pitch Micro-Fit 3.0, BMI™ Receptacle Header, Dual Row, Vertical, with Press-fit Plastic Pegs, 2.54μm (100μ") Tin (Sn), 10 Circuits

**Documents:**

[Drawing \(PDF\)](#)

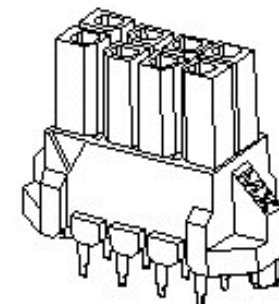
[3D Model](#)

[Packaging Specification \(PDF\)](#)

[Product Literature \(PDF\)](#)

[Product Specification PS-44300-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



*Series image - Reference only*

**General**

Product Family	PCB Receptacles
Series	44769
Application	Board-to-Board
Application	Wire-to-Board
Overview	Micro-Fit, 3.0&#153;
Product Name	Micro-Fit 3.0 BMI™

**Physical**

Circuits (Loaded)	10
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Vertical
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)	100
Plating min: Mating (μm)	2.5
Plating min: Termination (μin)	100
Plating min: Termination (μm)	2.5
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

CSA	LR19980
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

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No**

**Halogen-Free**

**Status**

**Not Halogen-Free**

**China RoHS**



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environmental compliance?**

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non-product compliance questions.

**Search Parts in this Series**

[44769 Series](#)

**Mates With**

[44428](#) , [44300](#) , [44432](#)

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-44300-001

Product Specification

RPS-44300-001

Sales Drawing

SD-44769-001

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