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Part Number: [0447642401](#)

Status: **Active**

Overview:

Description: 3.00mm (.118") Pitch Micro-Fit 3.0, BMI™ Receptacle Header, Dual Row, Right Angle, with Press-fit Plastic Pegs, 2.54µm (100µ") Tin (Sn), 24 Circuits

Documents:

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

[3D Model](#)

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

[Drawing \(PDF\)](#)

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

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

General

Product Family	PCB Receptacles
Series	44764
Application	Board-to-Board
Application	Wire-to-Board
Overview	Micro-Fit, 3.0™
Product Name	Micro-Fit 3.0 BMI™

Physical

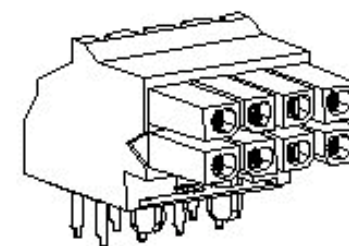
Circuits (Loaded)	24
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	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)	40.8
Plating min: Mating (µm)	1.02
Plating min: Termination (µin)	40.8
Plating min: Termination (µm)	1.02
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



Series image - Reference only

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

[44764 Series](#)

Mates With

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-44300-001
Product Specification	RPS-44300-001
Sales Drawing	SD-44764-001
Sales Drawing	SD-44764-003

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