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Part Number: [0447641001](#)
Status: **Active**
Overview: [Micro-Fit, 3.0™](#)
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), 10 Circuits

Documents:

- [Drawing \(PDF\)](#)
[3D Model](#)
[Packaging Specification \(PDF\)](#)
- [Product Literature \(PDF\)](#)
[Product Specification PS-44300-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	44764
Application	Board-to-Board, Wire-to-Board
Overview	Micro-Fit, 3.0™
Product Literature Order No	USA-106
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	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

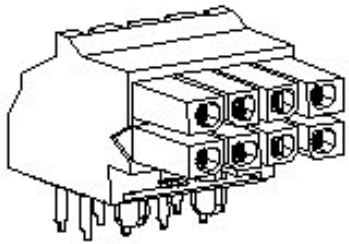


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Series

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



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Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
[44764Series](#)

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

Process Temperature max. C260

Material Info

Reference - Drawing Numbers

Product SpecificationPS-44300-001, RPS-44300-001

Sales DrawingSD-44764-001, SD-44764-003

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