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Part Number: [0447692402](#)

Status: **Active**

Overview:

Description: 3.00mm (.118") Pitch Micro-Fit 3.0, BMI™ Receptacle Header, Dual Row, Vertical, with Press-fit Plastic Pegs, 0.38µm (15µ") Gold (Au) Selective, 24 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	44769
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	Gold
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)	15.2
Plating min: Mating (µm)	0.38
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

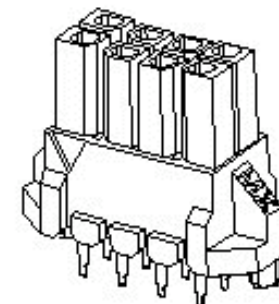
Electrical

CSA	LR19980
Current - Maximum	5A
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



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

China RoHS



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

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

Search Parts in this Series

[44769 Series](#)

Mates With

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

Reference - Drawing Numbers

Product Specification

PS-44300-001

Product Specification

RPS-44300-001

Sales Drawing

SD-44769-001

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