

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [44769-0402](#)
Status: **Active**
Overview: Micro-Fit 3.0™ Connectors
Description: 3.00mm Pitch Micro-Fit 3.0, BMI™ Receptacle Header, Dual Row, Vertical, with Press-fit Plastic Pegs, 0.38µm Gold (Au) Selective, 4 Circuits

Documents:

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

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [44769](#)
Application Board-to-Board, Power, Wire-to-Board
Overview [Micro-Fit 3.0™ Connectors](#)
Product Literature Order No 987650-5984
Product Name Micro-Fit 3.0 BMI™
UPC 800756568614

Physical

Circuits (Loaded) 4
Circuits (maximum) 4
Durability (mating cycles max) 30
Flammability 94V-0
Glow-Wire Compliant No
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Net Weight 0.933/g
Number of Rows 2
Orientation Vertical
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 3.00mm
Plating min - Mating 0.381µm
Plating min - Termination 2.540µm
Polarized to PCB Yes
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 5A
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

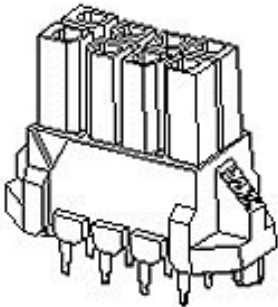


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Low-Halogen Status
Low-Halogen**

China RoHS



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

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

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

Search Parts in this Series

[44769Series](#)

Mates With

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-44300-001, RPS-44300-001
Sales Drawing	SD-44769-001

This document was generated on 09/03/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION