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Part Number: [44769-0802](#)
Status: **Active**
Overview: Micro-Fit 3.0™ Connectors
Description: Micro-Fit BMI™ Receptacle Header, Dual Row, Vertical, with Press-fit Plastic Pegs, 0.38µm Gold (Au) Selective, 8 Circuits

Documents:

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

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 BMI™
 UPC 800756568621

Physical

Circuits (Loaded) 8
 Circuits (maximum) 8
 Color - Resin Black
 Durability (mating cycles max) 30
 Flammability 94V-0
 Glow-Wire Compliant No
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 1.602/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)

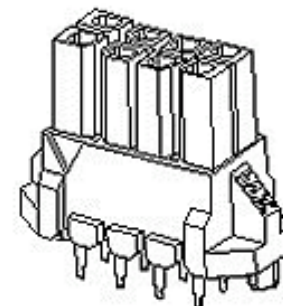


image - Reference only

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 Micro-Fit BMI™ Right Angle Headers](#),
[44432 Micro-Fit BMI™ Vertical Headers](#),
[44300 Micro-Fit BMI™ Plug Housing](#)

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

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

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