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Part Number: [44769-1601](#)
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, 2.54µm Tin (Sn), 16 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 3.0 BMI™

Physical

Circuits (Loaded) 16
 Circuits (maximum) 16
 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 Vertical
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 3.00mm
 Plating min - Mating 2.540µm
 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

Material Info

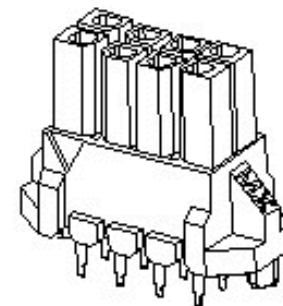


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Series

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Not Reviewed

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

UPC

800756568546

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-44300-001, RPS-44300-001

SD-44769-001

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