

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0447641403](#)
Status: **Active**
Overview: Micro-Fit 3.0 Connector System Product Family
Description: Micro-Fit BMI Receptacle Header, Dual Row, Right Angle, with Press-fit Plastic Pegs, 0.80µm Gold (Au) Selective, 14 Circuits

Documents:

| | |
|--|--|
| 3D Model | Product Specification TS-44764-001-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-44300-001 (PDF) | Product Literature (PDF) |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|-----------------------------|---|
| Product Family | PCB Receptacles |
| Series | 44764 |
| Application | Board-to-Board, Power, Wire-to-Board |
| Overview | Micro-Fit 3.0 Connector System Product Family |
| Product Literature Order No | 987650-5984 |
| Product Name | Micro-Fit BMI |
| UPC | 756054398630 |

Physical

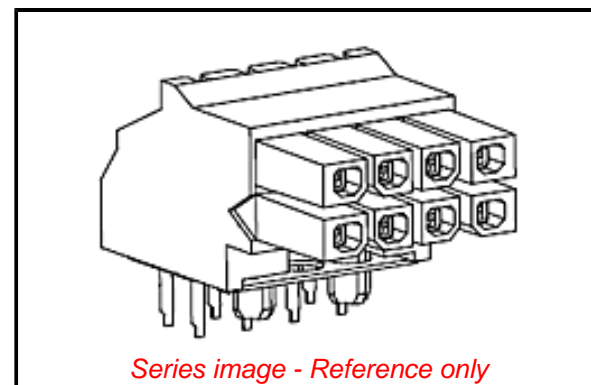
| | |
|--------------------------------|-----------------|
| Circuits (Loaded) | 14 |
| Circuits (maximum) | 14 |
| Durability (mating cycles max) | 30 |
| Flammability | 94V-0 |
| Glow-Wire Compliant | No |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 3.938/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 3.00mm |
| Plating min - Mating | 0.762µm |
| 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 | 5.0A |
| Voltage - Maximum | 600V |

Solder Process Data

| | |
|--|------|
| Duration at Max. Process Temperature (seconds) | 005 |
| Lead-free Process Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

China RoHS

Search Parts in this Series

[44764](#) Series

Mates With

[44428](#) Micro-Fit BMI Right Angle Headers,
[44432](#) Micro-Fit BMI Vertical Headers,
[44300](#) Micro-Fit BMI Plug Housing

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-44300-001, TS-44764-001-001
SD-171833-001, SD-44764-001

This document was generated on 11/15/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION