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Part Number: [0447640401](#)
Status: **Active**
Overview: Micro-Fit 3.0™ Connectors
Description: Micro-Fit BMI™ Receptacle Header, Dual Row, Right Angle, with Press-fit Plastic Pegs, 2.54µm Tin (Sn), 4 Circuits

Documents:

| | |
|--|--|
| 3D Model | Test Summary TS-44764-001 (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 |
| MolexKits | Yes |
| Overview | <u>Micro-Fit 3.0™ Connectors</u> |
| Product Literature Order No | 987650-5984 |
| Product Name | Micro-Fit BMI™ |
| UPC | 756054398463 |

Physical

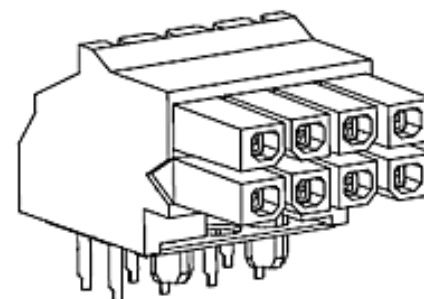
| | |
|--------------------------------|-----------------|
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| Durability (mating cycles max) | 30 |
| Flammability | 94V-0 |
| Glow-Wire Compliant | No |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 1.305/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 | 1.016µm |
| Plating min - Termination | 1.016µm |
| 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 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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

Green Image

Not Relevant

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

Test Summary

PS-44300-001, RPS-44300-001

SD-44764-001

TS-44764-001

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