



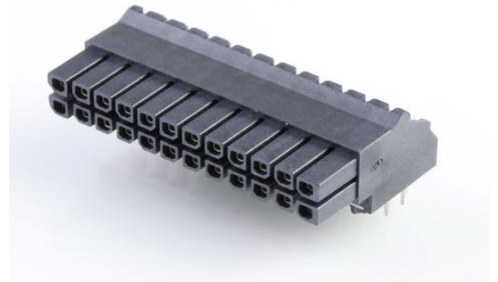
Part Number : [447642402](#)

Product Description : Micro-Fit BMI Receptacle Header, Dual Row, Right-Angle, with Press-fit Plastic Pegs, 0.38µm Gold (Au) Selective Plating, Mylar Positioning Strip, 24 Circuits

Series Number : 44764

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[447642402_sd.pdf](#)

[PK-44764-001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[SYM-44764-2401-001.zip](#)

Specifications


[PS-44300-001-001.pdf](#)

[443000002-TS-000.pdf](#)

[TS-44764-001-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS | Not Relevant |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)6375-DC (05 Nov 2025) |

| | |
|---------|------------------------------------------|
| | SCIP:a6f9d14b-9ed7-480b-91df-77efafdc578 |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

| | |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 44764 |
| Description | Micro-Fit BMI Receptacle Header, Dual Row, Right-Angle, with Press-fit Plastic Pegs, 0.38µm Gold (Au) Selective Plating, Mylar Positioning Strip, 24 Circuits |
| Application | Board-to-Board, Power, Wire-to-Board |
| Component Type | PCB Receptacle |
| Product Name | Micro-Fit BMI |
| UPC | 756054398777 |

Agency

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

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 8.5A |
| Voltage - Maximum | 600V |

Physical

| | |
|--------------------------------|------------------------|
| Breakaway | No |
| Circuits (Loaded) | 24 |
| Circuits (maximum) | 24 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Guide to Mating Part | Yes |
| Keying to Mating Part | None |
| Lock to Mating Part | No |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 6.714/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm |
| PC Tail Length | 3.70mm |
| Pitch - Mating Interface | 3.00mm |
| Plating min - Mating | 0.380µm |
| Plating min - Termination | 0.380µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Yes |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

Solder Process Data

| | |
|------------------------------|------|
| Max-Duration | 5 |
| Lead-Free Process Capability | WAVE |
| Max-Cycle | 1 |
| Max-Temp | 260 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|--------------------------------------------|--------------|
| Micro-Fit BMI Dual Row Plug Housings | <u>44300</u> |
| Micro-Fit BMI Right-Angle Dual Row Headers | <u>44428</u> |
| Micro-Fit BMI Vertical Dual Row Headers | <u>44432</u> |

This document was generated on Dec 29, 2025