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**Part Number:** [0440671401](#)

**Status:** **Active**

**Overview:**

**Description:** 3.00mm (.118") Pitch Micro-Fit 3.0™ Wire-to-Board Header, Dual Row, Vertical for up to 3.56mm (.140") Thick PCB, 14 Circuits, Tin (Sn) Plating

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Packaging Specification \(PDF\)](#)

[Product Specification PS-43045 \(PDF\)](#)

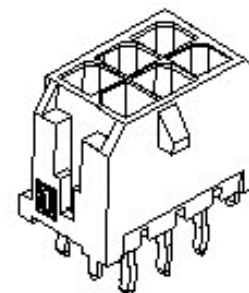
[RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers                               |
| Series         | 44067                                     |
| Application    | Wire-to-Board                             |
| Comments       | High Temperature, Polarization Key to PCB |
| Overview       | Micro-Fit, 3.0&#153;                      |
| Product Name   | Micro-Fit 3.0™                            |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 14                             |
| Circuits (maximum)             | 14                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 30                             |
| First Mate / Last Break        | No                             |
| Glow-Wire Compliant            | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | Yes                            |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PC Tail Length (in)            | 0.158 In                       |
| PC Tail Length (mm)            | 4.01 mm                        |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness Recommended (in) | 0.140 In                       |
| PCB Thickness Recommended (mm) | 3.60 mm                        |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface (in)  | 0.118 In                       |
| Pitch - Mating Interface (mm)  | 3.00 mm                        |
| Pitch - Term. Interface (in)   | 0.118 In                       |
| Pitch - Term. Interface (mm)   | 3.00 mm                        |
| Plating min: Mating (µin)      | 100                            |
| Plating min: Mating (µm)       | 2.5                            |
| Plating min: Termination (µin) | 100                            |
| Plating min: Termination (µm)  | 2.5                            |
| Polarized to PCB               | Yes                            |
| Shrouded                       | Fully                          |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -40°C to +105°C                |
| Termination Interface: Style   | Through Hole - Kinked Pin      |



Series image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

**Contains SVHC: No**

**Halogen-Free**

**Status**

**Not Reviewed**

**China RoHS**



**Need more information on product environmental compliance?**

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

**Search Parts in this Series**

[44067 Series](#)

**Mates With**

[43025 Micro-Fit™ Header](#)

**Electrical**

|                   |      |
|-------------------|------|
| Current - Maximum | 5A   |
| Voltage - Maximum | 250V |

**Solder Process Data**

|  |                              |
|--|------------------------------|
| Duration at Max. Process Temperature (seconds) | 30                           |
| Lead-free Process Capability                   | SMC & Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 3                            |
| Process Temperature max. C                     | 260                          |

**Material Info****Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-43045     |
| Sales Drawing         | SD-44067-001 |

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