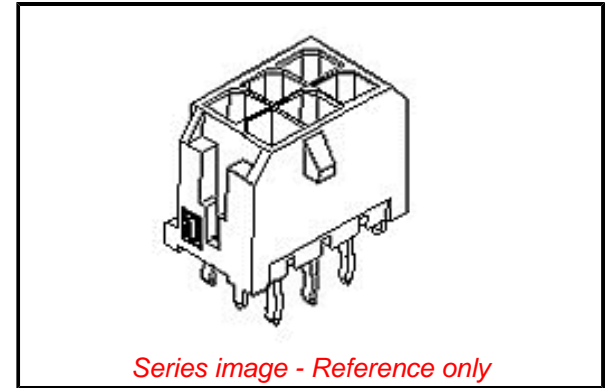


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**Part Number:** [0440671801](#)  
**Status:** **Active**  
**Overview:** Micro-Fit Connector System  
**Description:** Micro-Fit 3.0 Wire-to-Board Header, Dual Row, Vertical for up to 3.56mm Thick PCB, 18 Circuits, Tin (Sn) Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Test Summary 430450005-TS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary TS-43045-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-43045-002-001 (PDF)</a>
<a href="#">Product Specification 430450001-PS-KO-000 (PDF)</a>	<a href="#">Test Summary TS-46235-001-001 (PDF)</a>
<a href="#">Product Specification 430450001-PS-SP-000 (PDF)</a>	<a href="#">Symbol Footprint Data SYM-44067-180X-001 (PDF)</a>
<a href="#">Product Specification PS-43045-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification PK-70873-0314-001 (PDF)</a>	



**General**

Product Family	PCB Headers
Series	44067
Application	Power, Wire-to-Board
Comments	High Temperature, Polarization Key to PCB
Overview	<u>Micro-Fit Connector System</u>
Product Name	Micro-Fit 3.0
UPC	800756388663

**Physical**

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	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
Net Weight	2.497/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	4.01mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole - Kinked Pin

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[44067](#) Series

**Mates With**

[43025](#) Micro-Fit 3.0 Receptacle Housing

**Electrical**

Current - Maximum per Contact 8.5A  
Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 030  
Lead-free Process Capability SMC&WAVE  
Max. Cycles at Max. Process Temperature 003  
Process Temperature max. C 260

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

Packaging Specification PK-70873-0314-001  
Product Specification 430450001-PS-KO-000, 430450001-PS-SP-000,  
PS-43045-001  
Sales Drawing SD-44067-001-001  
Symbol/Footprint Data SYM-44067-180X-001  
Test Summary 430450005-TS-000, TS-43045-001-001,  
TS-43045-002-001, TS-46235-001-001

This document was generated on 12/27/2021

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