

# 3.00mm (.118") Pitch Micro-Fit 3.0™ Wire-to-Board Header

**43045**  
Dual Row, Vertical, SMT  
With Solderable Fitting Nail

### Features and Benefits

- Solder tabs provide retention to PCB
- Fully polarized to mating receptacle
- Tape and reel packaging eliminates handling and provides for higher PCB board placement speeds compared to tray packing or hand assembly

### Reference Information

Product Specification: PS-43045  
Packaging: Tape and reel  
UL File No.: E29179  
CSA File No.: LR19980  
TUV License No.: R72040445  
Mates With: 43025  
Designed In: Millimeters

### Electrical

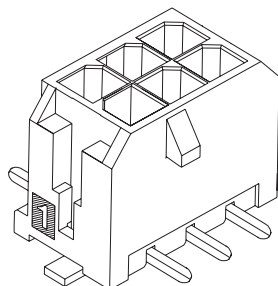
Voltage: 250V  
Current: 5.0A max.  
Contact Resistance: 10 milliohms max.  
Dielectric Withstanding Voltage: 1500V AC  
Insulation Resistance: 1000 Megohms min.

### Physical

Housing: High temperature LCP, UL 94V-0  
Contact: Brass  
Plating: Tin or Gold

**E**

Power Connectors



Circuits	Order No.			Lead-free
	Tin	15µm Gold	30µm Gold	
2	<a href="#">43045-0218</a>	<a href="#">43045-0219</a>	<a href="#">43045-0220</a>	Yes
4	<a href="#">43045-0418</a>	<a href="#">43045-0419</a>	<a href="#">43045-0420</a>	
6	<a href="#">43045-0618</a>	<a href="#">43045-0619</a>	<a href="#">43045-0620</a>	
8	<a href="#">43045-0818</a>	<a href="#">43045-0819</a>	<a href="#">43045-0820</a>	
10	<a href="#">43045-1018</a>	<a href="#">43045-1019</a>	<a href="#">43045-1020</a>	
12	<a href="#">43045-1218</a>	<a href="#">43045-1219</a>	<a href="#">43045-1220</a>	

Circuits	Order No.			Lead-free
	Tin	15µm Gold	30µm Gold	
14	<a href="#">43045-1418</a>	<a href="#">43045-1419</a>	<a href="#">43045-1420</a>	Yes
16	<a href="#">43045-1618</a>	<a href="#">43045-1619</a>	<a href="#">43045-1620</a>	
18	<a href="#">43045-1818</a>	<a href="#">43045-1819</a>	<a href="#">43045-1820</a>	
20	<a href="#">43045-2018</a>	<a href="#">43045-2019</a>	<a href="#">43045-2020</a>	
22	<a href="#">43045-2218</a>	<a href="#">43045-2219</a>	<a href="#">43045-2220</a>	
24	<a href="#">43045-2418</a>	<a href="#">43045-2419</a>	<a href="#">43045-2420</a>	

# 3.00mm (.118") Pitch Micro-Fit 3.0™ Wire-to-Board Header

**43045**  
Dual Row  
Right Angle

### Features and Benefits

- Snap-in peg locks header to PCB for optimum retention
- Fully polarized to mating receptacle
- Surface Mount Compatible

### Reference Information

Product Specification: PS-43045  
Packaging: Tray  
UL File No.: E29179  
CSA File No.: LR19980  
TUV License No.: R72040445  
Mates With: 43025  
Designed In: Millimeters

### Electrical

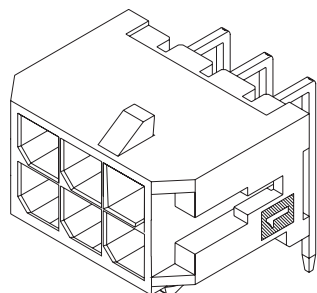
Voltage: 250V  
Current: 5.0A max.  
Contact Resistance: 10 milliohms max.  
Dielectric Withstanding Voltage: 1500V AC  
Insulation Resistance: 1000 Megohms min.

### Mechanical

Insertion Force to PCB: 7.5kgf max. (16.5 lb)

### Physical

Housing: High temperature LCP, UL 94V-0  
Contact: Brass  
Plating: Tin or Gold



Circuits	Order No.			Lead-free
	Tin	15µm Gold	30µm Gold	
2	<a href="#">43045-0200</a>	<a href="#">43045-0201</a>	<a href="#">43045-0202</a>	Yes
4	<a href="#">43045-0400</a>	<a href="#">43045-0401</a>	<a href="#">43045-0402</a>	
6	<a href="#">43045-0600</a>	<a href="#">43045-0601</a>	<a href="#">43045-0602</a>	
8	<a href="#">43045-0800</a>	<a href="#">43045-0801</a>	<a href="#">43045-0802</a>	
10	<a href="#">43045-1000</a>	<a href="#">43045-1001</a>	<a href="#">43045-1002</a>	
12	<a href="#">43045-1200</a>	<a href="#">43045-1201</a>	<a href="#">43045-1202</a>	

Circuits	Order No.			Lead-free
	Tin	15µm Gold	30µm Gold	
14	<a href="#">43045-1400</a>	<a href="#">43045-1401</a>	<a href="#">43045-1402</a>	Yes
16	<a href="#">43045-1600</a>	<a href="#">43045-1601</a>	<a href="#">43045-1602</a>	
18	<a href="#">43045-1800</a>	<a href="#">43045-1801</a>	<a href="#">43045-1802</a>	
20	<a href="#">43045-2000</a>	<a href="#">43045-2001</a>	<a href="#">43045-2002</a>	
22	<a href="#">43045-2200</a>	<a href="#">43045-2201</a>	<a href="#">43045-2202</a>	
24	<a href="#">43045-2400</a>	<a href="#">43045-2401</a>	<a href="#">43045-2402</a>	