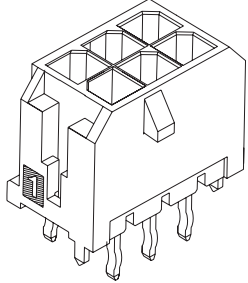


# 3.00mm (.118") Pitch Micro-Fit 3.0™ Wire-to-Board Header

**43045**  
Dual Row  
Vertical



### Features and Benefits

- "Offset Terminal Retention" for optimum retention to PC board during wave soldering
- Fully polarized to mating receptacle
- Peg feature provides polarization to PCB
- 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)

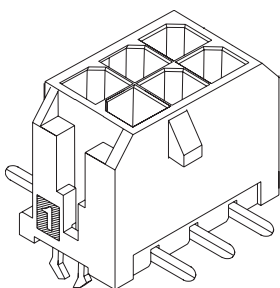
### Physical

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

Circuits	Order No.						Lead-free
	Standard "OTR" Version			Straight Tail Version			
	Tin	15µ" Gold	30µ" Gold	Tin	15µ" Gold	30µ" Gold	
2	<a href="#">43045-0212</a>	<a href="#">43045-0213</a>	<a href="#">43045-0214</a>	<a href="#">43045-0227</a>	<a href="#">43045-0228</a>	<a href="#">43045-0229</a>	Yes
4	<a href="#">43045-0412</a>	<a href="#">43045-0413</a>	<a href="#">43045-0414</a>	<a href="#">43045-0427</a>	<a href="#">43045-0428</a>	<a href="#">43045-0429</a>	
6	<a href="#">43045-0612</a>	<a href="#">43045-0613</a>	<a href="#">43045-0614</a>	<a href="#">43045-0627</a>	<a href="#">43045-0628</a>	<a href="#">43045-0629</a>	
8	<a href="#">43045-0812</a>	<a href="#">43045-0813</a>	<a href="#">43045-0814</a>	<a href="#">43045-0827</a>	<a href="#">43045-0828</a>	<a href="#">43045-0829</a>	
10	<a href="#">43045-1012</a>	<a href="#">43045-1013</a>	<a href="#">43045-1014</a>	<a href="#">43045-1027</a>	<a href="#">43045-1028</a>	<a href="#">43045-1029</a>	
12	<a href="#">43045-1212</a>	<a href="#">43045-1213</a>	<a href="#">43045-1214</a>	<a href="#">43045-1227</a>	<a href="#">43045-1228</a>	<a href="#">43045-1229</a>	
14	<a href="#">43045-1412</a>	<a href="#">43045-1413</a>	<a href="#">43045-1414</a>	<a href="#">43045-1427</a>	<a href="#">43045-1428</a>	<a href="#">43045-1429</a>	
16	<a href="#">43045-1612</a>	<a href="#">43045-1613</a>	<a href="#">43045-1614</a>	<a href="#">43045-1627</a>	<a href="#">43045-1628</a>	<a href="#">43045-1629</a>	
18	<a href="#">43045-1812</a>	<a href="#">43045-1813</a>	<a href="#">43045-1814</a>	<a href="#">43045-1827</a>	<a href="#">43045-1828</a>	<a href="#">43045-1829</a>	
20	<a href="#">43045-2012</a>	<a href="#">43045-2013</a>	<a href="#">43045-2014</a>	<a href="#">43045-2027</a>	<a href="#">43045-2028</a>	<a href="#">43045-2029</a>	
22	<a href="#">43045-2212</a>	<a href="#">43045-2213</a>	<a href="#">43045-2214</a>	<a href="#">43045-2227</a>	<a href="#">43045-2228</a>	<a href="#">43045-2229</a>	
24	<a href="#">43045-2412</a>	<a href="#">43045-2413</a>	<a href="#">43045-2414</a>	<a href="#">43045-2427</a>	<a href="#">43045-2428</a>	<a href="#">43045-2429</a>	

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

**43045**  
Dual Row, Vertical, SMT  
With Solderable Retention Clip



### Features and Benefits

- Solderable retention clip provides optimum retention to PCB
- Fully polarized to mating receptacle
- Tape and reel packaging eliminates handling and provides for higher insertion 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.

### 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	Circuits	Order No.			Lead-free
	Tin	15µ" Gold	30µ" Gold			Tin	15µ" Gold	30µ" Gold	
2	<a href="#">43045-0215</a>	<a href="#">43045-0216</a>	<a href="#">43045-0217</a>	Yes	14	<a href="#">43045-1415</a>	<a href="#">43045-1416</a>	<a href="#">43045-1417</a>	Yes
4	<a href="#">43045-0415</a>	<a href="#">43045-0416</a>	<a href="#">43045-0417</a>		16	<a href="#">43045-1615</a>	<a href="#">43045-1616</a>	<a href="#">43045-1617</a>	
6	<a href="#">43045-0615</a>	<a href="#">43045-0616</a>	<a href="#">43045-0617</a>		18	<a href="#">43045-1815</a>	<a href="#">43045-1816</a>	<a href="#">43045-1817</a>	
8	<a href="#">43045-0815</a>	<a href="#">43045-0816</a>	<a href="#">43045-0817</a>		20	<a href="#">43045-2015</a>	<a href="#">43045-2016</a>	<a href="#">43045-2017</a>	
10	<a href="#">43045-1015</a>	<a href="#">43045-1016</a>	<a href="#">43045-1017</a>		22	<a href="#">43045-2215</a>	<a href="#">43045-2216</a>	<a href="#">43045-2217</a>	
12	<a href="#">43045-1215</a>	<a href="#">43045-1216</a>	<a href="#">43045-1217</a>		24	<a href="#">43045-2415</a>	<a href="#">43045-2416</a>	<a href="#">43045-2417</a>	