

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Solderable fitting nail provides retention to PCB
- Fully polarized to mating receptacle
- Tape and reel packaging eliminates handling and provides higher insertion speeds compared to tray packing or hand assembly

### Reference Information

Product Specification: PS-43650  
 Packaging: Tape and reel for robotic placement  
 UL File No.: E29179  
 CSA File No.: LR19980A  
 TUV License No.: R95107  
 Mates With: [43645](#)  
 Designed In: Millimeters

### Electrical

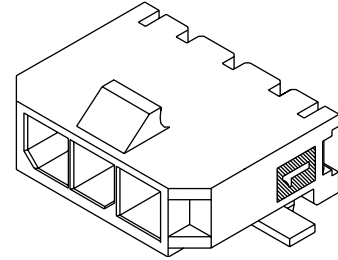
Voltage: 250V  
 Current: 5.0A max.  
 Contact Resistance: 10mΩ max.  
 Dielectric Withstanding Voltage: 1500V AC  
 Insulation Resistance: 1000 MΩ min.

### Physical

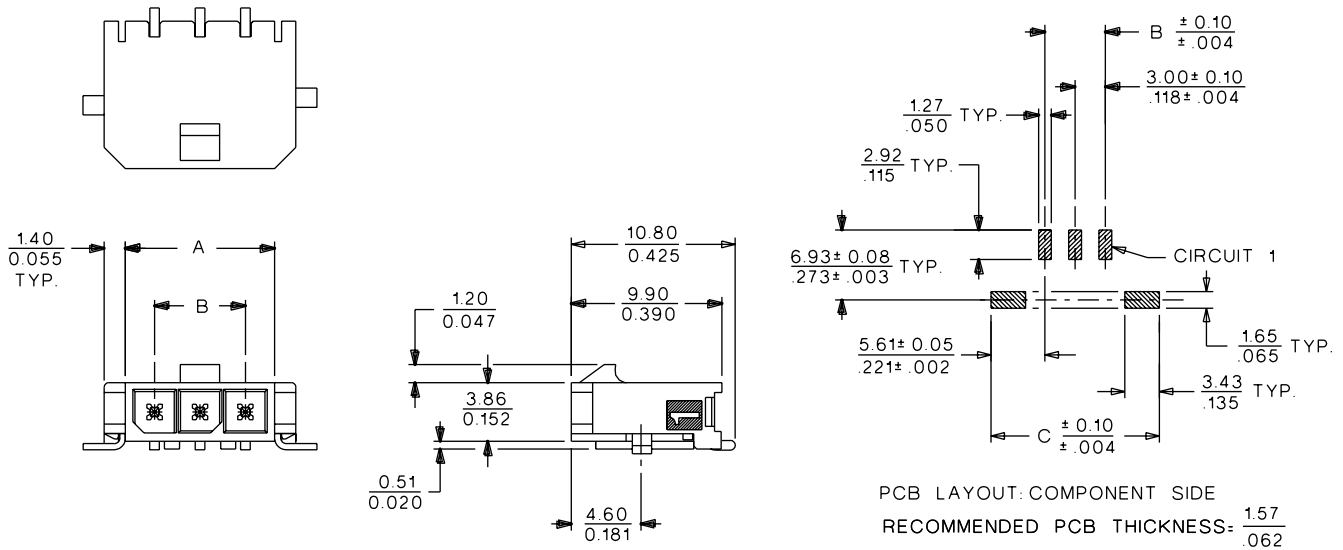
Housing: High temperature LCP, UL 94V-0  
 Contact: Brass  
 Plating: Tin or Gold

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

## 43650 Single Row Right Angle, SMT With Solderable Fitting Nail



## CATALOG DRAWING (FOR REFERENCE ONLY)



## ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.			Dimension		
	Tin	15μ" Gold	30μ" Gold	A	B	C
2	43650-0212	43650-0213	43650-0214	6.85 (.270)	3.00 (.118)	14.20 (.559)
3	43650-0312	43650-0313	43650-0314	9.85 (.388)	6.00 (.236)	17.20 (.677)
4	43650-0412	43650-0413	43650-0414	12.85 (.506)	9.00 (.354)	20.20 (.795)
5	43650-0512	43650-0513	43650-0514	15.85 (.624)	12.00 (.472)	23.20 (.913)
6	43650-0612	43650-0613	43650-0614	18.85 (.742)	15.00 (.591)	26.20 (1.031)
7	43650-0712	43650-0713	43650-0714	21.85 (.860)	18.00 (.709)	29.20 (1.150)
8	43650-0812	43650-0813	43650-0814	24.85 (.978)	21.00 (.827)	32.20 (1.268)
9	43650-0912	43650-0913	43650-0914	27.85 (1.096)	24.00 (.945)	35.20 (1.386)
10	43650-1012	43650-1013	43650-1014	30.85 (1.215)	27.00 (1.063)	38.20 (1.504)
11	43650-1112	43650-1113	43650-1114	33.85 (1.333)	30.00 (1.181)	41.20 (1.622)
12	43650-1212	43650-1213	43650-1214	36.85 (1.451)	33.00 (1.299)	44.20 (1.740)