

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Solderable retention clip provides optimum retention to PCB
- Fully polarized to mating receptacle
- Tape and reel packaging eliminates handling and provides higher insertion speed 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.: R95107  
 Mates With: [43025](#)  
 Designed In: Millimeters

### Electrical

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

### Mechanical

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

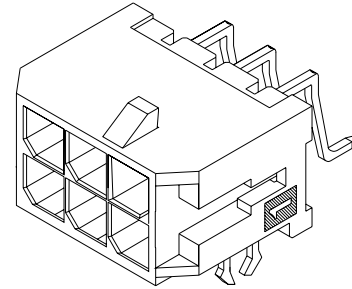
### Physical

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

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

## 43045

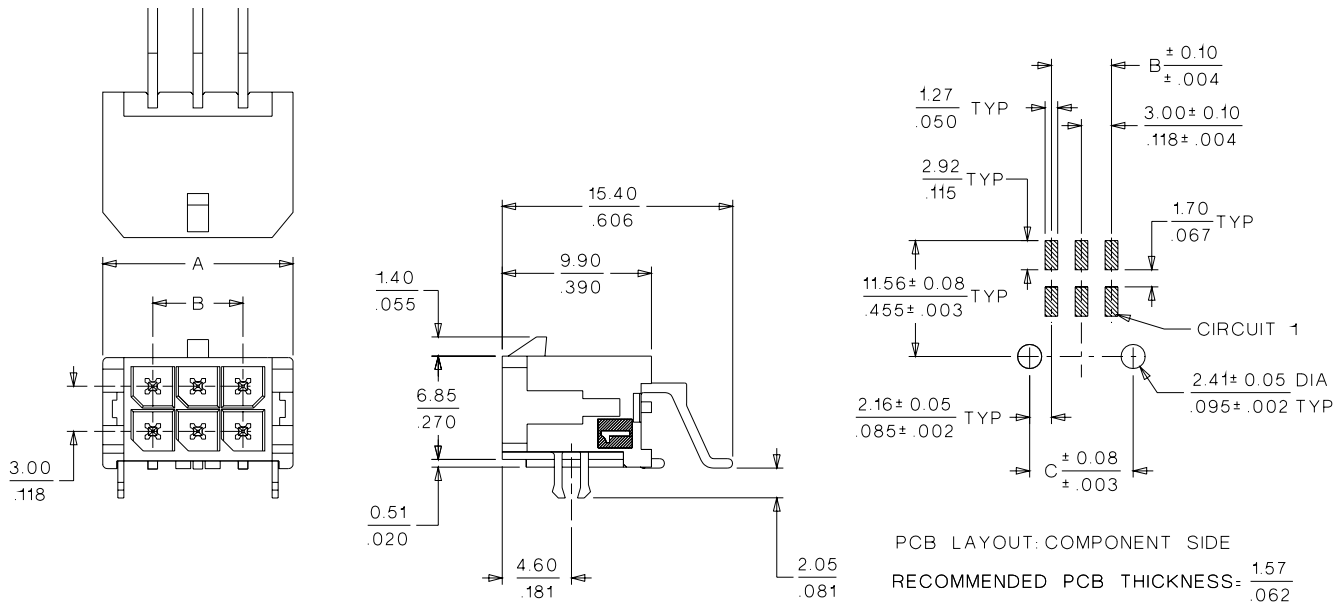
## Dual Row, Right Angle, SMT With Solderable Retention Clip



Power Connectors

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## CATALOG DRAWING (FOR REFERENCE ONLY)



## ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.			Dimension		
	Tin	15μ" Gold	30μ" Gold	A	B	C
2	43045-0206	43045-0207	43045-0208	6.65 (.262)	3.00 (.118)	4.30 (.169)
4	43045-0406	43045-0407	43045-0408	9.65 (.380)	6.00 (.236)	7.30 (.287)
6	43045-0606	43045-0607	43045-0608	12.65 (.499)	9.00 (.354)	10.30 (.406)
8	43045-0806	43045-0807	43045-0808	15.65 (.616)	12.00 (.472)	13.30 (.524)
10	43045-1006	43045-1007	43045-1008	18.65 (.734)	15.00 (.591)	16.30 (.642)
12	43045-1206	43045-1207	43045-1208	21.65 (.852)	18.00 (.709)	19.30 (.760)
14	43045-1406	43045-1407	43045-1408	24.65 (.970)	21.00 (.827)	22.30 (.878)
16	43045-1606	43045-1607	43045-1608	27.65 (1.088)	24.00 (.945)	25.30 (.996)
18	43045-1806	43045-1807	43045-1808	30.65 (1.206)	27.00 (1.063)	28.30 (1.114)
20	43045-2006	43045-2007	43045-2008	33.65 (1.325)	30.00 (1.181)	31.30 (1.232)
22	43045-2206	43045-2207	43045-2208	36.65 (1.443)	33.00 (1.299)	34.30 (1.350)
24	43045-2406	43045-2407	43045-2408	39.65 (1.561)		37.30 (1.469)