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## FEATURES AND SPECIFICATIONS

## 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.: 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

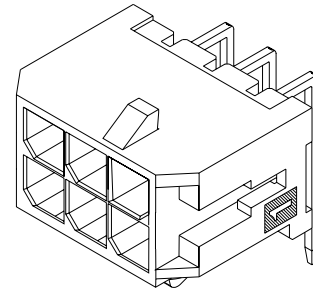
Plating: Tin or Gold



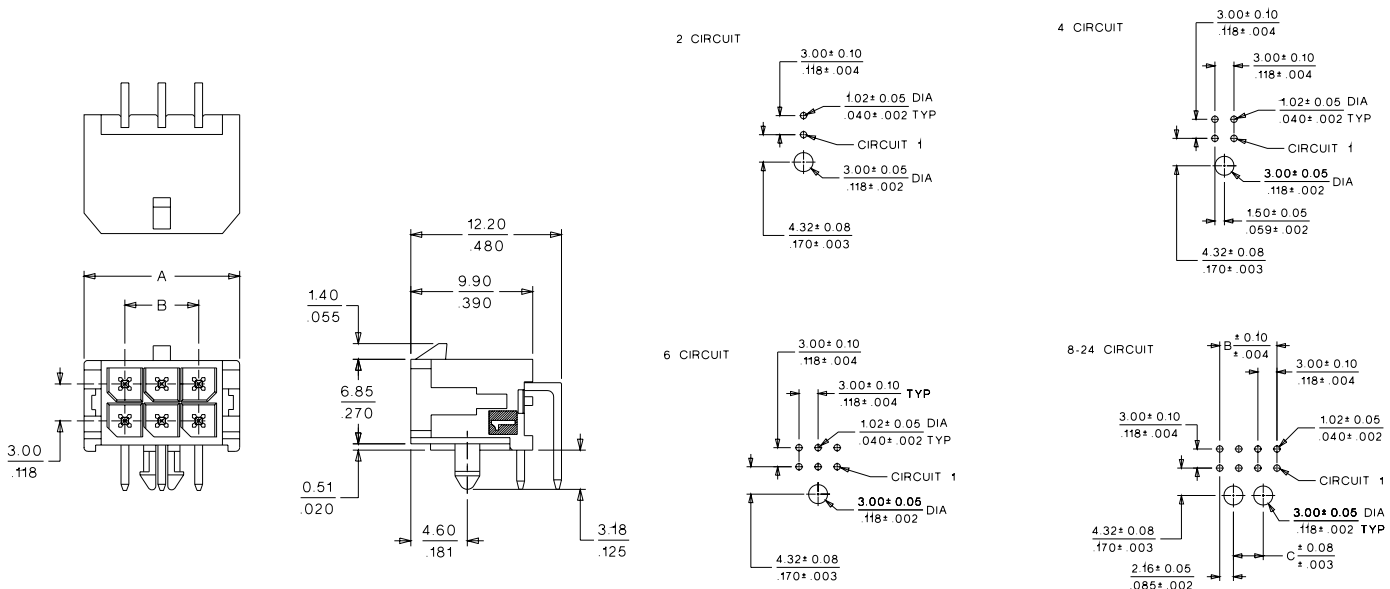
# 3.00mm (.118") Pitch Micro-Fit 3.0™ Wire-to-Board Header

43045

## Dual Row Right Angle



## CATALOG DRAWING (FOR REFERENCE ONLY)



## ORDERING INFORMATION AND DIMENSIONS

| Circuits | Order No.    |            |              | Dimension     |               |               |
|----------|--------------|------------|--------------|---------------|---------------|---------------|
|          | Tin          | 15μ" Gold  | 30μ" Gold    | A             | B             | C             |
| 2        | • 43045-0200 | 43045-0201 | • 43045-0202 | 6.65 (.262)   |               |               |
| 4        | • 43045-0400 | 43045-0401 | • 43045-0402 | 9.65 (.380)   | 3.00 (.118)   |               |
| 6        | • 43045-0600 | 43045-0601 | • 43045-0602 | 12.65 (.498)  | 6.00 (.236)   |               |
| 8        | • 43045-0800 | 43045-0801 | • 43045-0802 | 15.65 (.616)  | 9.00 (.354)   | 4.70 (.185)   |
| 10       | • 43045-1000 | 43045-1001 | • 43045-1002 | 18.65 (.734)  | 12.00 (.472)  | 7.70 (.303)   |
| 12       | • 43045-1200 | 43045-1201 | • 43045-1202 | 21.65 (.852)  | 15.00 (.591)  | 10.70 (.421)  |
| 14       | • 43045-1400 | 43045-1401 | • 43045-1402 | 24.65 (.970)  | 18.00 (.709)  | 13.70 (.539)  |
| 16       | • 43045-1600 | 43045-1601 | • 43045-1602 | 27.65 (1.088) | 21.00 (.827)  | 16.70 (.657)  |
| 18       | • 43045-1800 | 43045-1801 | • 43045-1802 | 30.65 (1.206) | 24.00 (.945)  | 19.70 (.776)  |
| 20       | • 43045-2000 | 43045-2001 | • 43045-2002 | 33.65 (1.325) | 27.00 (1.063) | 22.70 (.894)  |
| 22       | • 43045-2200 | 43045-2201 | • 43045-2202 | 36.65 (1.443) | 30.00 (1.181) | 25.70 (1.012) |
| 24       | • 43045-2400 | 43045-2401 | • 43045-2402 | 39.65 (1.561) | 33.00 (1.299) | 28.70 (1.130) |

• US Standard Product, available through Molex franchised distributors