

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 2 to 15 circuits
- Locking windows provide secure mating

Reference Information

Packaging: Tray
 Mates With: [51021](#)
 Designed In: Millimeters

Electrical

Voltage: 125V
 Current: 1.0A
 32 AWG—0.8A
 Contact Resistance: 20mΩ max.
 Dielectric Withstanding Voltage: 250V AC/1 min.
 Insulation Resistance: 100 MΩ min.

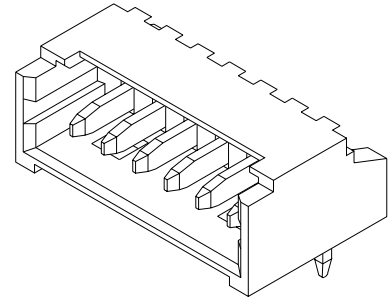
Physical

Housing: 6/6 nylon, UL 94V-0
 Contact: Phosphor Bronze
 Plating: Tin
 Operating Temperature: -40 to +85°C



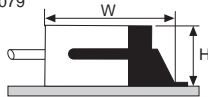
1.25mm (.049") Pitch Wire-to-Board Header

53048 Right Angle



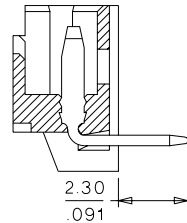
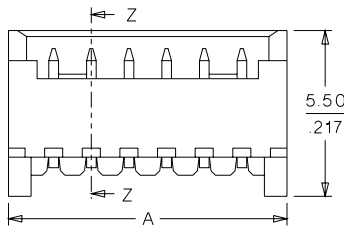
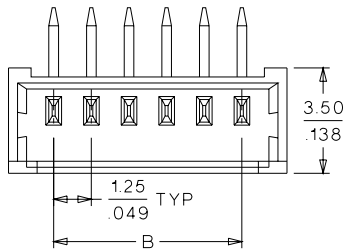
Mating Dimensions

53048 • 51021 • 50058/50079
 H=3.5mm W=6.5mm

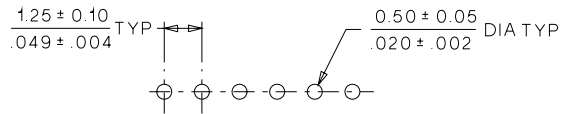


0.40 to 1.60mm (.016 to .063") Pitch

CATALOG DRAWING (FOR REFERENCE ONLY)



SECTION Z-Z



PCB LAYOUT: COMPONENT SIDE
 RECOMMENDED PCB THICKNESS: $\frac{0.80 \pm 0.10}{.031 \pm .004}$

ORDERING INFORMATION AND DIMENSIONS

| Circuits | Order No. | Dimension | |
|----------|------------|--------------|--------------|
| | | A | B |
| 2 | 53048-0210 | 4.25 (.167) | 1.25 (.049) |
| 3 | 53048-0310 | 5.50 (.217) | 2.50 (.098) |
| 4 | 53048-0410 | 6.75 (.266) | 3.75 (.147) |
| 5 | 53048-0510 | 8.00 (.315) | 5.00 (.196) |
| 6 | 53048-0610 | 9.25 (.364) | 6.25 (.246) |
| 7 | 53048-0710 | 10.50 (.413) | 7.50 (.295) |
| 8 | 53048-0810 | 11.75 (.463) | 8.75 (.344) |
| 9 | 53048-0910 | 13.00 (.512) | 10.00 (.393) |
| 10 | 53048-1010 | 14.25 (.561) | 11.25 (.442) |
| 11 | 53048-1110 | 15.50 (.610) | 12.50 (.492) |
| 12 | 53048-1210 | 16.75 (.659) | 13.75 (.541) |
| 13 | 53048-1310 | 18.00 (.709) | 15.00 (.590) |
| 14 | 53048-1410 | 19.25 (.758) | 16.25 (.639) |
| 15 | 53048-1510 | 20.50 (.807) | 17.50 (.688) |