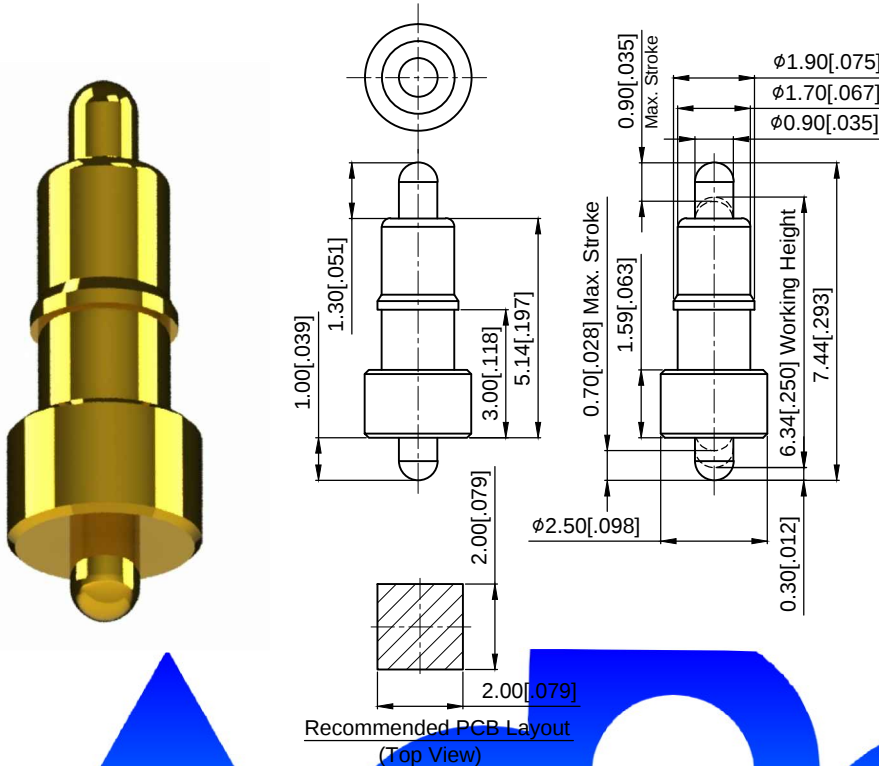


◆ 1 Pin POGO Pin



Ordering Information:

BTC48 - A3 - 0100400

Physical:

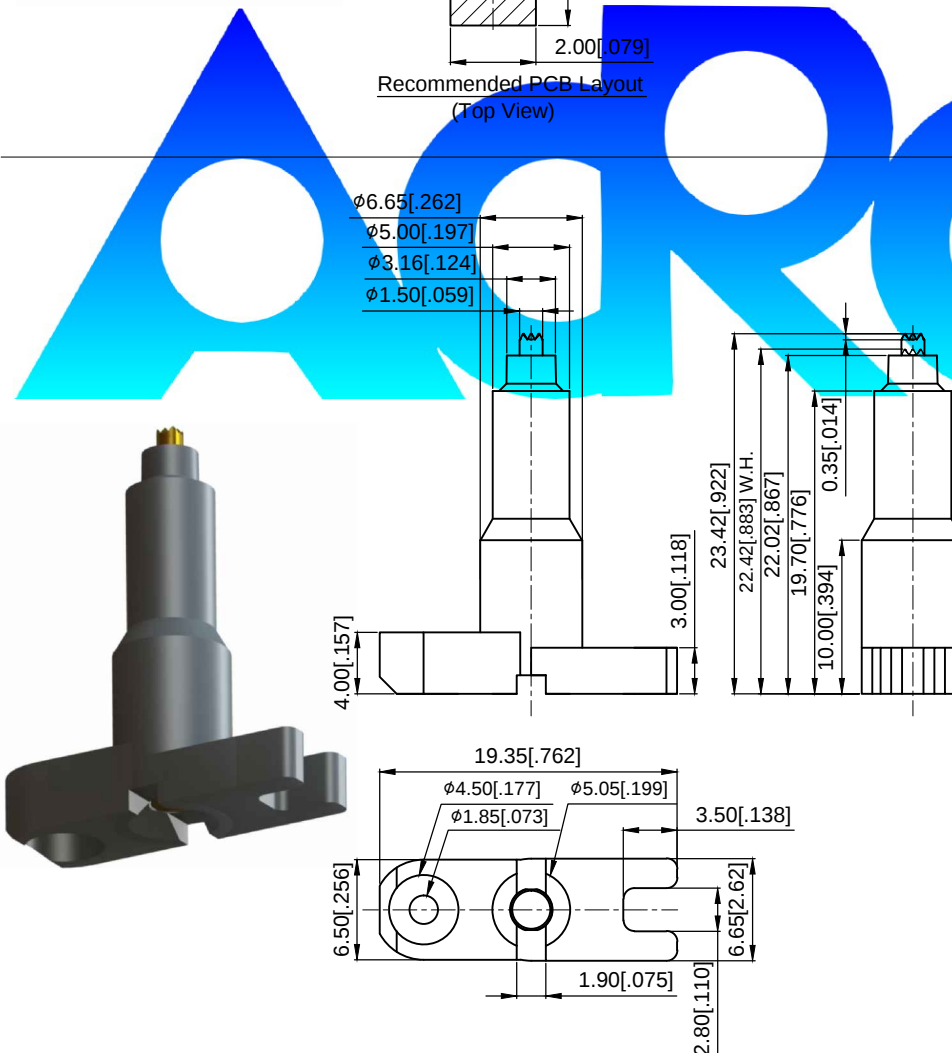
- ◆ Material
Pin & Tube: Copper Alloy
Spring: SUS
- ◆ Finish
Pin & Tube: 40μ" Gold over 50μ" Nickel

Mechanical Specifications:

- ◆ Spring Force
100gf @ Connector Working Height 6.34mm
- ◆ Durability
10,000 Cycles

Electrical Specifications:

- ◆ Rating Current
1A
- ◆ Rating Voltage
12V DC
- ◆ Contact Resistance
50 mohms @ Connector Working Height



Ordering Information:

BTC35 - A3 - 0115100

Physical:

- ◆ Material:
Pin & Tube: Copper Alloy
Spring: Stainless Steel
Housing: Thermoplastic, UL94-V0, Black
- ◆ Finish:
Pin: 10μ" Gold over 50μ" Nickel
Tube: 1μ" Gold over 50μ" Nickel

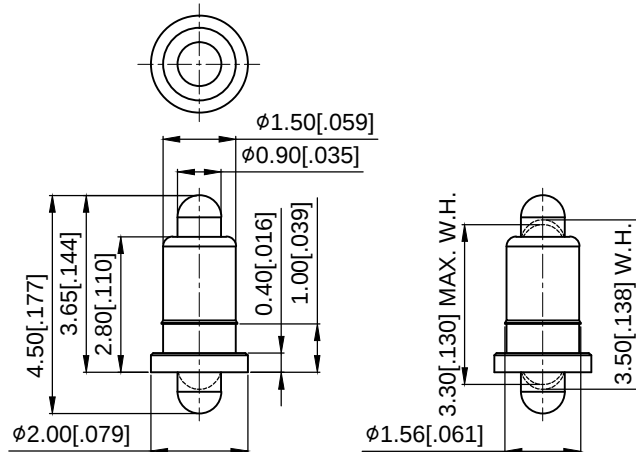
Mechanical Specifications:

- ◆ Spring Force: 150g @ 1.00mm Deflection
- ◆ Durability: 10,000 Cycles

Electrical Specifications:

- ◆ Rating Current
2A
- ◆ Rating Voltage
12V
- ◆ Contact Resistance
50 mohms

◆ 1 Pin POGO Pin



Ordering Information:

BTC26 - A3 - 0111000

- ◆ Material:
Pin & Tube: Copper Alloy
Spring: SUS
- ◆ Finish:
Pin: 1 μ " Gold Gold over 50 μ " Nickel
Tube: 1 μ " Gold Gold over 50 μ " Nickel

Mechanical Specifications:

- ◆ Spring Force
40g @ 3.5mm W.H.
- ◆ Durability
10,000 Cycles

Electrical Specifications:

- ◆ Rating Voltage
12V DC
- ◆ Rating Current
1A
- ◆ Contact Resistance
50 mohms at W.H.

Ordering Information:

BTC23 - A3 - 0104000

Physical:

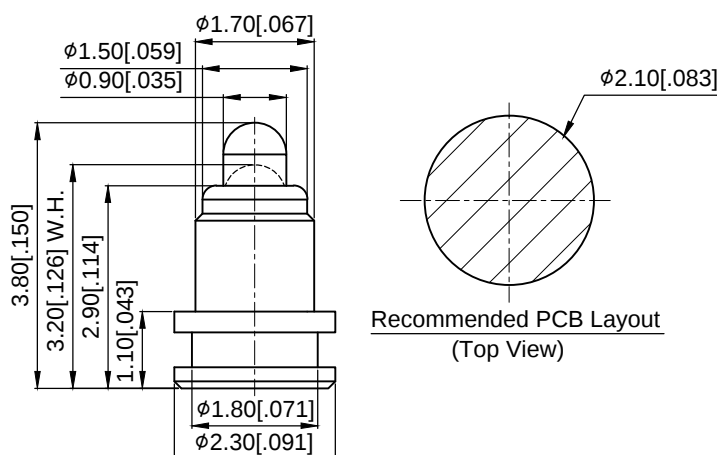
- ◆ Material:
Pin & Tube: Copper Alloy
Spring: Stainless Steel
- ◆ Finish:
Pin: 10 μ " Gold over 50 μ " Nickel
Tube: 3 μ " Gold over 50 μ " Nickel

Mechanical Specifications:

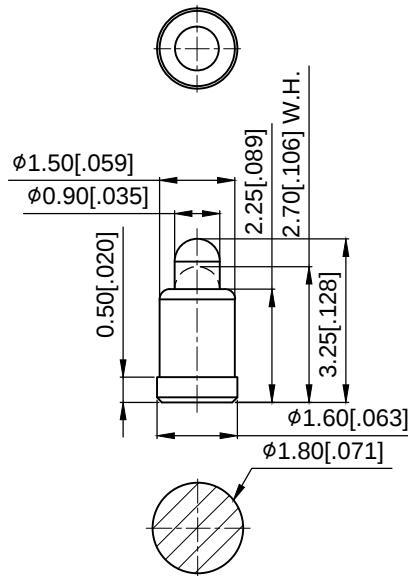
- ◆ Spring Force
75g @ 3.20mm Working Height
- ◆ Durability
5,000 Cycles

Electrical Specifications:

- ◆ Rating Current
1.5A
- ◆ Rating Voltage
12V DC
- ◆ Contact Resistance
30 mohms



◆ 1 Pin POGO Pin



Recommended PCB Layout
(Top View)

Ordering Information:

BTC31 - A3 - 0110100

Physical:

- ◆ Material:
Pin & Tube: Copper Alloy
Spring: Stainless Steel
- ◆ Finish:
Pin: 4μ" Gold over 30μ" Nickel
Tube: 4μ" Gold over 30μ" Nickel

Mechanical Specifications:

- ◆ Spring Force
80g @ 2.70mm W.H.
- ◆ Durability
5,000 Cycles

Electrical Specifications:

- ◆ Rating Current
1A
- ◆ Contact Resistance
50 mohms @ 2.70mm W.H.

Ordering Information:

BTC51 - A3 - 0100100

Physical:

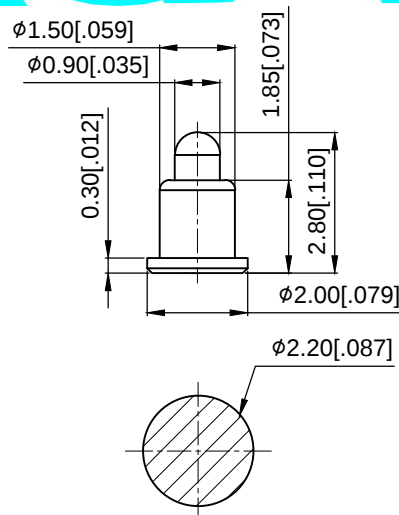
- ◆ Material
Pin & Tube: Copper Alloy
Spring: SWP-B, Piano Wire or Equivalent
- ◆ Finish
Pin: 10μ" Gold over 50μ" Nickel
Tube: 4μ" Gold over 50μ" Nickel
Spring: 4μ" Gold over 50μ" Nickel

Mechanical Specifications:

- ◆ Spring Force
65g @ 0.90mm Deflection
- ◆ Durability
10,000 Cycles

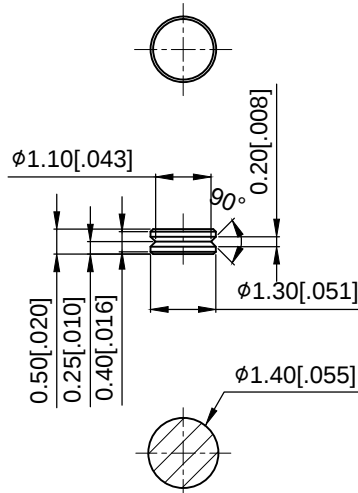
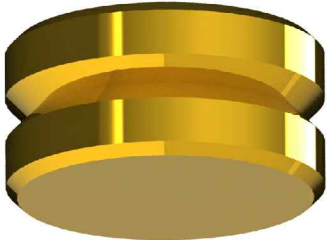
Electrical Specifications:

- ◆ Rating Current
1A at 12 VDC
- ◆ Contact Resistance
50 mohms @ 0.9mm Deflection



Recommended PCB Layout
(Top View)

◆ 1 Pin POGO Pin



Recommended PCB Layout
(Top View)

Ordering Information:

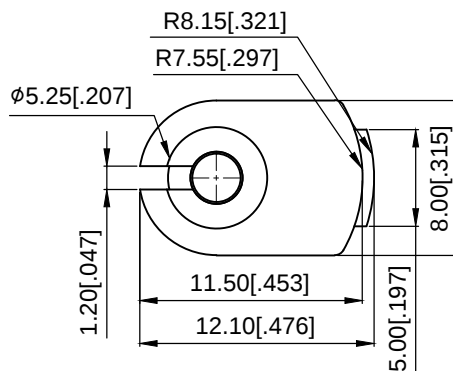
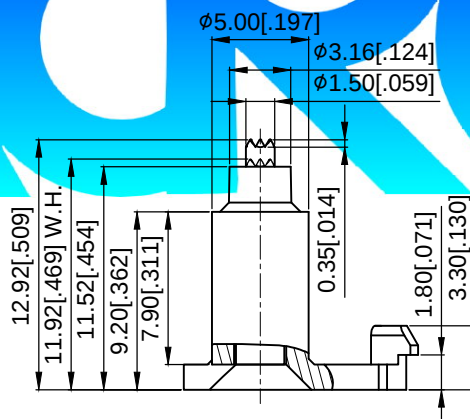
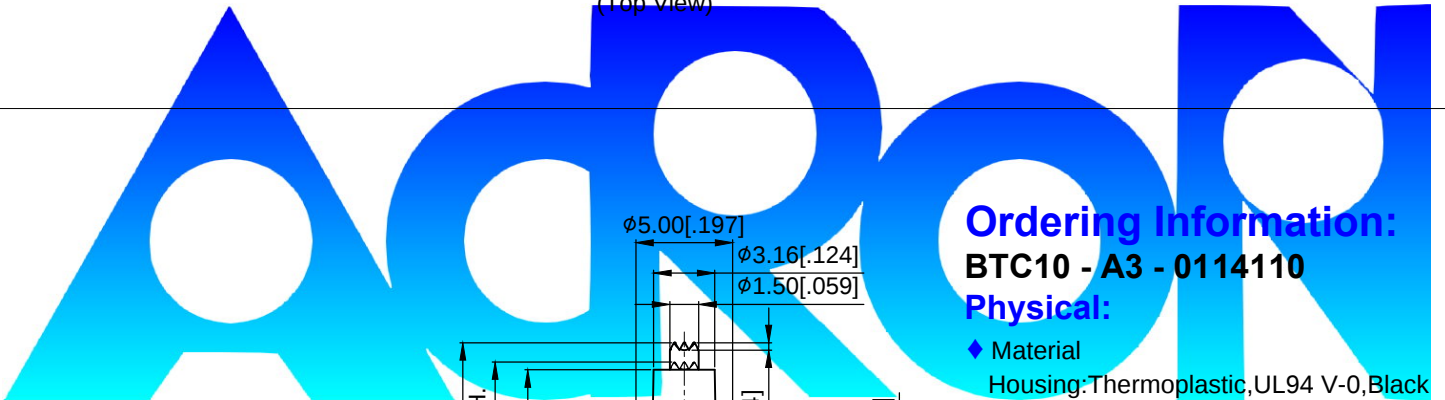
BTC09 - A3 - 011L100

Physical:

- ◆ Material
Cylinder: Copper Alloy
- ◆ Finish
Cylinder: 3μ " Gold over 30μ " Nickel

Electrical Specifications:

- ◆ Rating Voltage
12V DC
- ◆ Rating Current
0.5A
- ◆ Contact Resistance
20 mohms



Ordering Information:

BTC10 - A3 - 0114110

Physical:

- ◆ Material
Housing: Thermoplastic, UL94 V-0, Black
Contact Pin & Tube: Copper Alloy
Spring: Stainless Steel

- ◆ Finish:
Contact Pin: 10μ " Gold over 50μ " Nickel
Tube: 1μ " Gold over 50μ " Nickel

Mechanical Specifications:

- ◆ Spring Force
150g @ 1.00mm Working Height
- ◆ Durability
10,000 Cycles

Electrical Specifications:

- ◆ Rating Current
2A
- ◆ Rating Voltage
12V DC
- ◆ Contact Resistance
50 mohms At Working Height