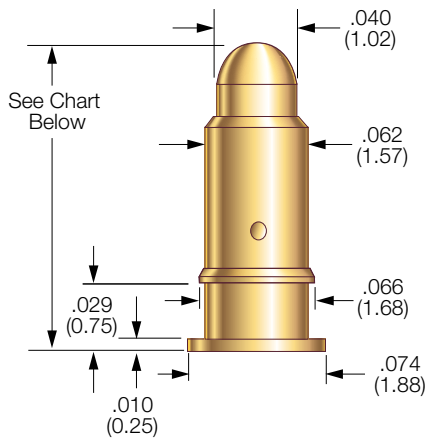
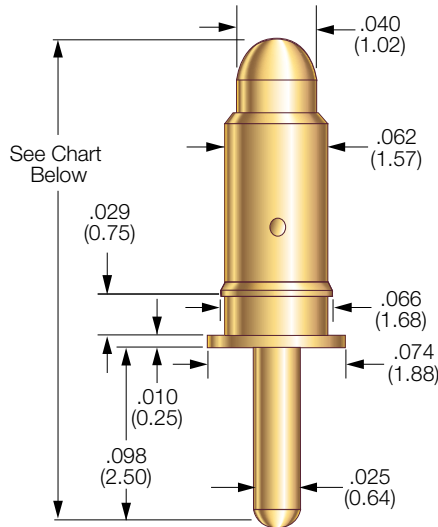


# .100 CENTERS C Series Probes

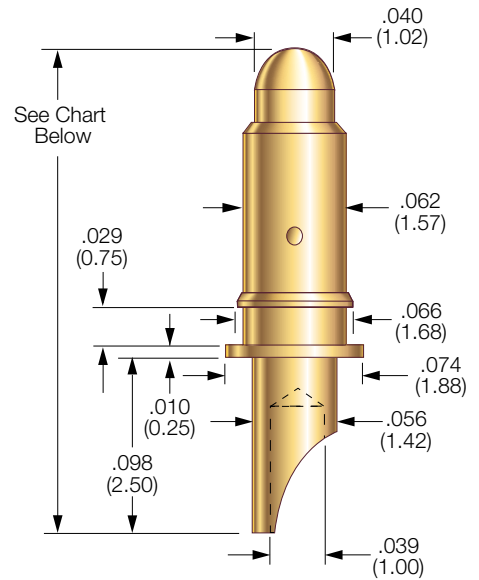
## SURFACE MOUNT



## THRU HOLE MOUNT



## SOLDER CUP



## PROBE SPECIFICATIONS

**Minimum Centers:** .100 (2.54)

### Current Rating:

CG Series: 10 amps continuous

CP Series: 10 amps continuous

CS Series: .5 amp continuous

(Individual probe in free air @ ambient temperature)

### Typical Resistances:

CG Series: < 10 mΩ

CP Series: < 10 mΩ

CS Series: < 60 mΩ

### Spring Force:

3.1 oz. (88g) @ working travel for 4mm compressed length series

2.9 oz. (82g) @ working travel for 6mm compressed length series

## MATERIALS

**Barrel:** Brass, gold plated

**Spring:** Stainless steel

### Plunger:

CG Series: Brass, gold plated

CP Series: Brass, gold plated

CS Series: Brass, Duralloy™ plated

### Special Features:

CG Series: Bias plunger design

CP Series: Bias plunger design

CS Series: Standard design

### Recommendations:

Mounting hole: .064/.065 (1.62/1.65)

Pad size for Surface Mount: .085 (2.20)

Wire gage for Solder Cup: 20 gage max.

Drill size for Thru Hole Tail: .035 (0.89)

## Overall Length

| Series   | SURFACE Mount | Thru Hole    | Solder Cup   |
|----------|---------------|--------------|--------------|
| CG-2.5-4 | .197 (5.00)   | .295 (7.50)  | .295 (7.50)  |
| CG-2.5-6 | .335 (8.50)   | .433 (11.00) | .433 (11.00) |
| CP-2.5-4 | .185 (4.70)   | .283 (7.20)  | .283 (7.20)  |
| CP-2.5-6 | .315 (8.00)   | .413 (10.50) | .413 (10.50) |
| CS-2.5-4 | .185 (4.70)   | .283 (7.20)  | .283 (7.20)  |
| CS-2.5-6 | .315 (8.00)   | .413 (10.50) | .413 (10.50) |

## Travel

| Series   | Working Travel | Maximum Travel |
|----------|----------------|----------------|
| CG-2.5-4 | .039 (1.00)    | .039 (1.00)    |
| CG-2.5-6 | .098 (2.50)    | .098 (2.50)    |
| CP-2.5-4 | .028 (0.71)    | .028 (0.71)    |
| CP-2.5-6 | .079 (2.00)    | .079 (2.00)    |
| CS-2.5-4 | .028 (0.71)    | .028 (0.71)    |
| CS-2.5-6 | .079 (2.00)    | .079 (2.00)    |

## HOW TO ORDER

CS

SERIES

2.5

PITCH (MM)

4

COMPRESSED  
LENGTH (MM)

SM

TERMINATION

SERIES:  
CG: Ground Connector Probe  
CP: Power Connector Probe  
CS: Signal Connector Probe

4: 4 mm  
6: 6 mm

SM: Surface Mount  
TH: Thru Hole  
SC: Solder Cup

View updates of this information at [www.idinet.com](http://www.idinet.com)

Specifications subject to change without notice. Dimensions in inches (millimeters)

