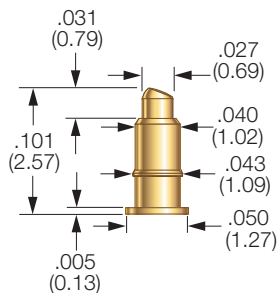




Battery & Connector Probes

Battery and Connector Probes

101582 PROBE



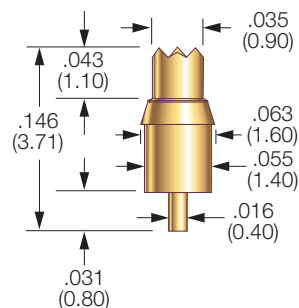
PROBE SPECIFICATIONS

Minimum Centers: .070 (1.78)
.050 (1.27) staggered rows
Current Rating: 20 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 1.7 oz. (48g) @ .030 (0.76) travel
Typical Resistance: < 10 mΩ
Maximum Travel: .030 (0.76)
Working Travel: .030 (0.76)

MATERIALS

Barrel: Brass, gold plated
Spring: Stainless steel
Plungers: Beryllium copper, gold plated

101438 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .080 (2.03)
Current Rating: 1 amp continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 3.5 oz. (99g) @ .020 (0.51) travel
Typical Resistance: < 10 mΩ
Maximum Travel: .039 (0.99)
Working Travel: .020 (0.51)

MATERIALS

Barrel: Brass, gold plated
Spring: Stainless steel, gold plated
Plunger: Beryllium copper, gold plated

HOW TO ORDER

101582-000

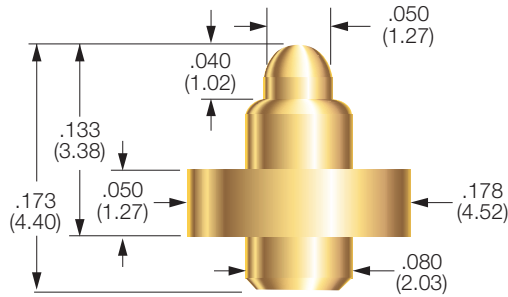
HOW TO ORDER

101438-000

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

Battery and Connector Probes

100671 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .175 (4.45)
Current Rating: 3 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 5.1 oz. (145g) @ .027 (0.69) travel
Typical Resistance: < 10 mΩ
Maximum Travel: .040 (1.02)*
Working Travel: .027 (0.69)

MATERIALS

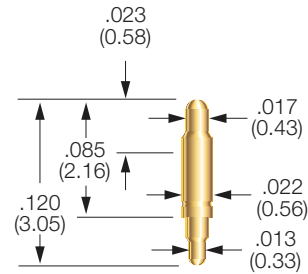
Barrel: Nickel/silver, gold plated
Spring: Stainless steel, gold plated
Plunger: Beryllium copper, gold plated

* not recommended for use at maximum travel

HOW TO ORDER

100671-000

101111 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .029 (0.75)
Current Rating: 6 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 1.5 oz. (43g) @ .022 (0.55) travel
Typical Resistance: < 50 mΩ
Maximum Travel: .025 (0.58)
Working Travel: .022 (0.55)

MATERIALS

Barrel: Phosphor bronze, gold plated
Spring: Music wire, gold plated
Plunger: Phosphor bronze, gold plated

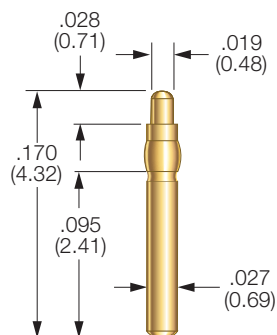
HOW TO ORDER

101111-008

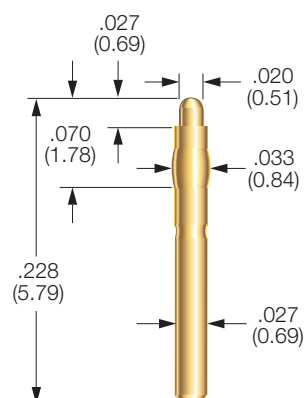
Specifications subject to change without notice. Dimensions in inches (millimeters)

Battery and Connector Probes

101506



101294 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .050 (1.27)
Current Rating: 5 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 1.38 oz. (39g) @ .020 (0.51) travel
Typical Resistance: < 20 mΩ
Maximum Travel: .028 (0.71)
Working Travel: .020 (0.51)

MATERIALS

Barrel: Nickel/silver, gold plated
Spring: Stainless steel, gold plated
Plunger: Beryllium copper, gold plated

PROBE SPECIFICATIONS

Minimum Centers: .050 (1.27)
Current Rating: 5 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 0.9 oz. (26g) @ .020 (0.51) travel
Typical Resistance: < 20 mΩ
Maximum Travel: .027 (0.69)
Working Travel: .020 (0.51)

MATERIALS

Barrel: Nickel/silver, gold plated
Spring: Stainless steel, gold plated
Plunger: Beryllium copper, gold plated

HOW TO ORDER

101506-000

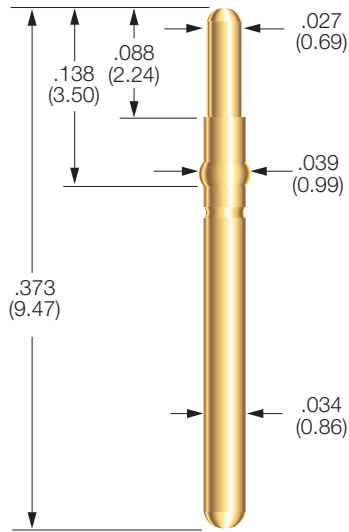
HOW TO ORDER

101294-000

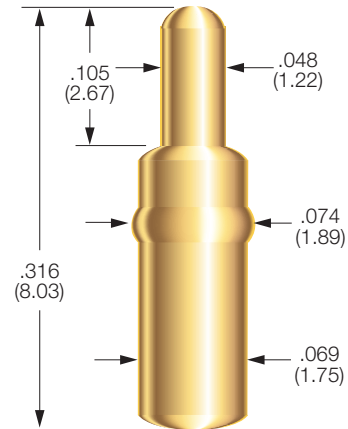
Specifications subject to change without notice. Dimensions in inches (millimeters)

Battery and Connector Probes

100803 P ROBE



101190 P ROBE



PROBE SPECIFICATIONS

Minimum Centers: .050 (1.27)
Current Rating: 5 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 1.2 oz. (34g) @ .050 (1.27) travel
Typical Resistance: < 50 mΩ
Maximum Travel: .060 (1.52)
Working Travel: .050 (1.27)

MATERIALS

Barrel: Nickel/silver, gold plated
Spring: Stainless steel, gold plated
Plunger: Beryllium copper, gold plated

PROBE SPECIFICATIONS

Minimum Centers: .100 (2.54)
Current Rating: 15 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 2.6 oz. (74g) @ .067 (1.70) travel
Typical Resistance: < 6 mΩ
Maximum Travel: .100 (2.54)
Working Travel: .067 (1.70)

MATERIALS

Barrel: Nickel/silver, gold plated
Spring: Stainless steel
Plungers: Beryllium copper, gold plated

HOW TO ORDER

100803-011

HOW TO ORDER

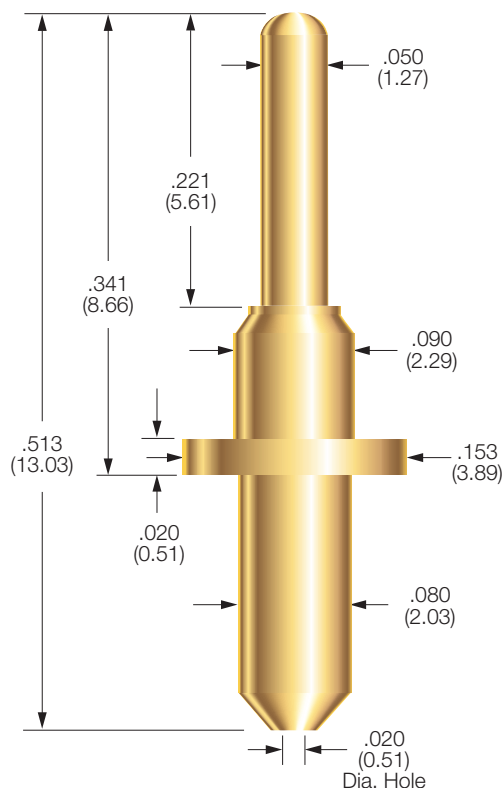
101190-002

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



Battery and Connector Probes

100606 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .175 (4.45)
Current Rating: 15 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 6.2 oz. (176g) @ .060 (1.52) travel
Typical Resistance: < 10 mΩ
Maximum Travel: .090 (2.29)
Working Travel: .060 (1.52)

MATERIALS

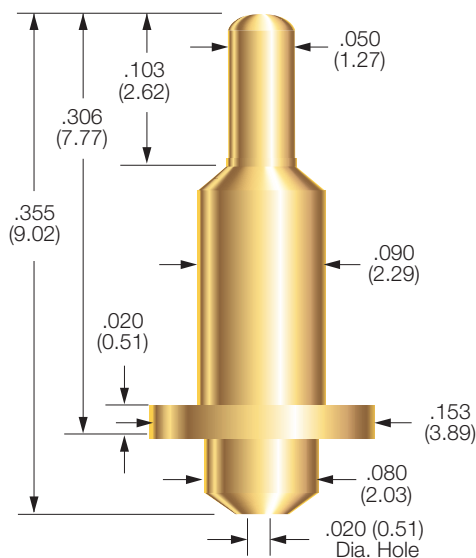
Barrel: Nickel/silver, gold plated
Spring: Stainless steel, passivated
Plunger: Beryllium copper, gold plated
Bias Ball: Stainless steel

HOW TO ORDER

100606-000

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

100891 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .175 (4.45)
Current Rating: 15 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 9.0 oz. (256g) @ .067 (1.70) travel
Typical Resistance: < 5 mΩ
Maximum Travel: .100 (2.54)
Working Travel: .067 (1.70)

MATERIALS

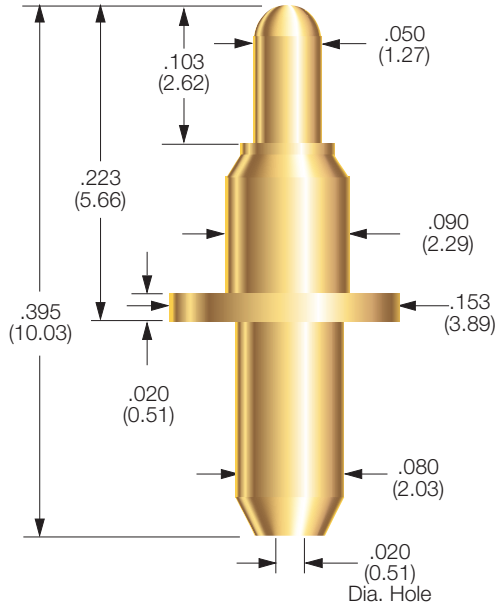
Barrel: Nickel/silver, gold plated
Spring: Stainless steel, gold plated
Plunger: Beryllium copper, gold plated

HOW TO ORDER

100891-002

Battery and Connector Probes

100410 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .175 (4.45)
Current Rating: 15 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 6.2 oz. (176g) @ .060 (1.52) travel
Typical Resistance: < 5 mΩ
Maximum Travel: .090 (2.29)
Working Travel: .060 (1.52)

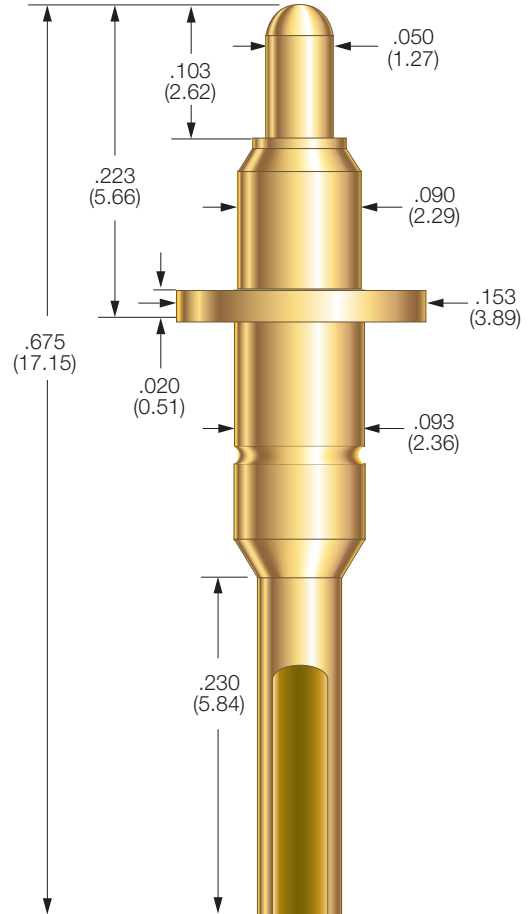
MATERIALS

Barrel: Nickel/silver, gold plated
Spring: Stainless steel
Plunger: Beryllium copper, gold plated
Bias Ball: Stainless steel

HOW TO ORDER

100410-005

101119 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .175 (4.45)
Current Rating: 15 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 6.2 oz. (176g) @ .060 (1.52) travel
Typical Resistance: < 10 mΩ
Maximum Travel: .090 (2.29)
Working Travel: .060 (1.52)

MATERIALS

Barrel: Nickel/silver, gold plated
Spring: Stainless steel
Plunger: Beryllium copper, gold plated
Bias Ball: Stainless steel
Receptacle: Nickel/silver, gold plated

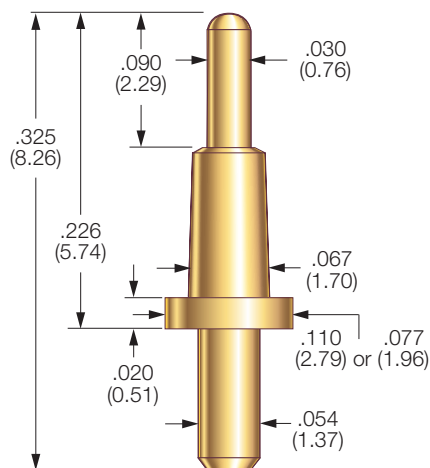
HOW TO ORDER

101119-001

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

Battery and Connector Probes

101050 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .125 (3.18)
Current Rating: 10 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 2.3 oz. (65g) @ .060 (1.52) travel
Typical Resistance: < 10 mΩ
Maximum Travel: .090 (2.29)
Working Travel: .060 (1.52)

MATERIALS

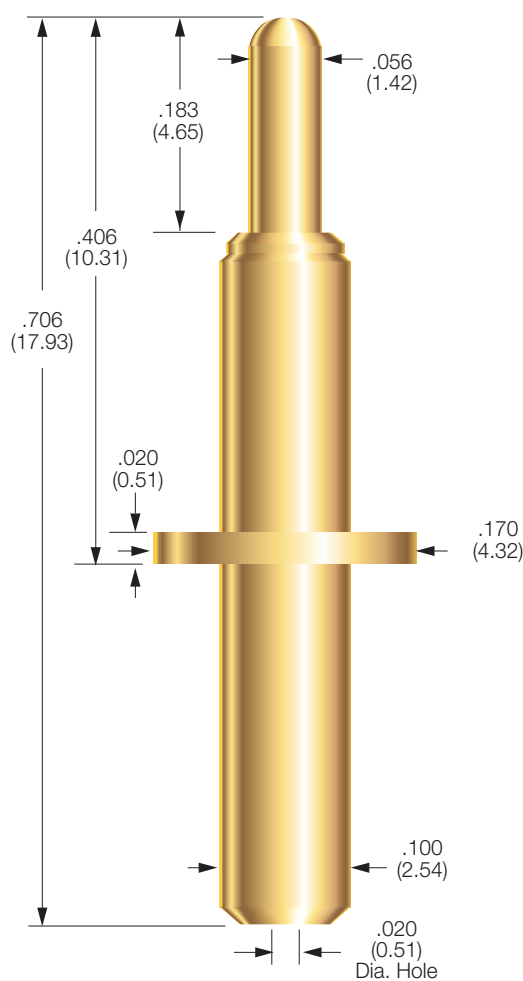
Barrel: Nickel/silver, gold plated
Spring: Stainless steel, passivated
Plunger: Beryllium copper, gold plated
Ball: Stainless steel, gold plated

HOW TO ORDER

101050-003 for .110 dia. flange
101050-005 for .077 dia. flange

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

101247 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .200 (5.08)
Current Rating: 20 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 11.7 oz. (256g) @ .147 (3.73) travel
Typical Resistance: < 10 mΩ
Maximum Travel: .180 (4.57)
Working Travel: .147 (3.73)

MATERIALS

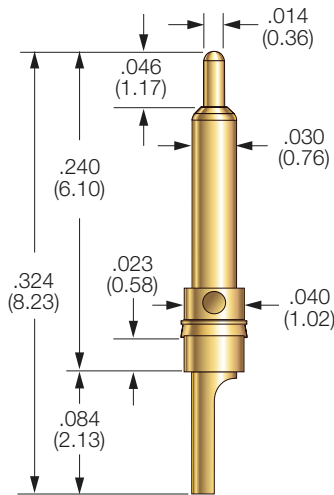
Barrel: Brass, gold plated
Spring: Stainless steel, passivated
Plunger: Beryllium copper, gold plated

HOW TO ORDER

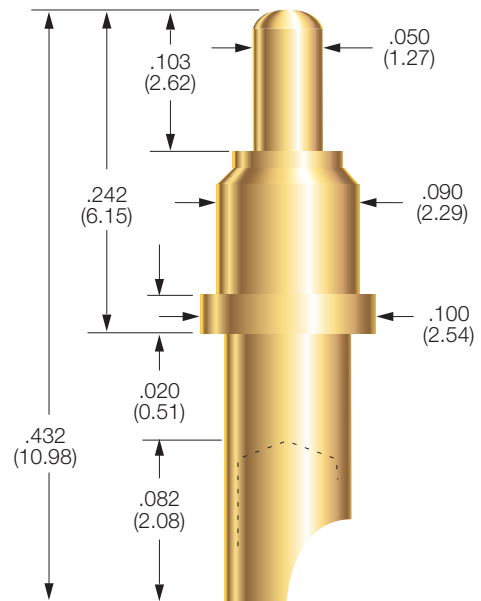
101247-001

Battery and Connector Probes

101679 PROBE



101628 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .055 (1.40)
Current Rating: 3 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 1.3 oz. (37g) @ .023 (0.58) travel
Typical Resistance: < 25 mΩ
Maximum Travel: .023 (0.58)
Working Travel: .023 (0.58)

MATERIALS

Barrel: Brass, gold plated
Spring: Stainless steel
Plunger: Brass, gold plated

PROBE SPECIFICATIONS

Minimum Centers: .125 (3.18)
Current Rating: 25 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 5.3 oz. (150g) @ .040 (1.02) travel
Typical Resistance: < 5 mΩ
Maximum Travel: .040 (1.02)
Working Travel: .040 (1.02)

MATERIALS

Barrel: Brass, gold plated
Spring: Music wire, nickel plated
Plunger: Beryllium copper, gold plated
Ball: Stainless steel

HOW TO ORDER

101679-000

HOW TO ORDER

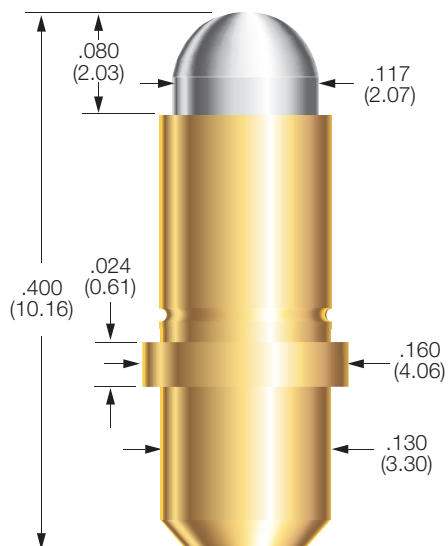
101628-000

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



Battery and Connector Probes

101402 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .175 (4.45)
Current Rating: 20 amps continuous
 (Individual probe in free air @ ambient temperature)
Spring Force: 9.7 oz. (275g) @ .050 (1.27) travel
Typical Resistance: < 10 mΩ
Maximum Travel: .080 (2.03)
Working Travel: .050 (1.27)

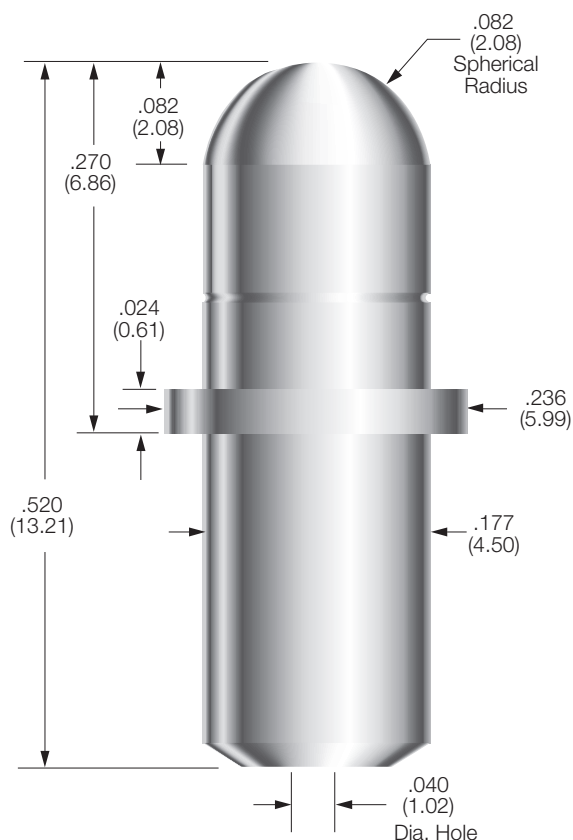
MATERIALS

Barrel: Nickel silver, gold plated
Spring: Stainless steel, passivated
Plunger: Brass, Duralloy™

HOW TO ORDER

101402-000

100804 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .250 (6.35)
Current Rating: 30 amps continuous
 (Individual probe in free air @ ambient temperature)
Spring Force: 8.9 oz. (252g) @ .054 (1.37) travel
Typical Resistance: < 5 mΩ
Maximum Travel: .082 (2.08)
Working Travel: .054 (1.37)

MATERIALS

Barrel: Brass, Duralloy™ plated
Spring: Stainless steel, passivated
Plunger: Brass, Duralloy™ plated

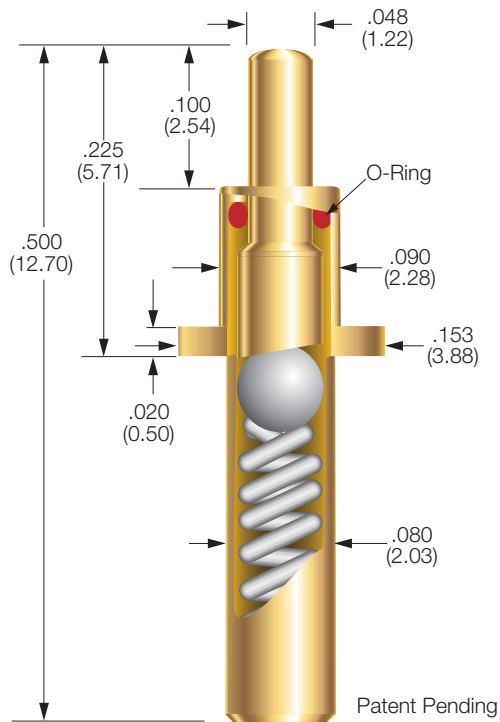
HOW TO ORDER

100804-002

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

Battery and Connector Probes

101602 ENVIRONMENTALLY SEALED PROBE



PROBE SPECIFICATIONS

Minimum Centers: .175 (4.44)
Current Rating: 10 amps with 80° C rise
(Individual probe in free air @ ambient temperature)
Typical Resistance: < 10 mΩ
Spring Force: 6.7 oz. (190 g) @ .070 (1.77) travel
Maximum Travel: .100 (2.54)
Working Travel: .070 (1.77)

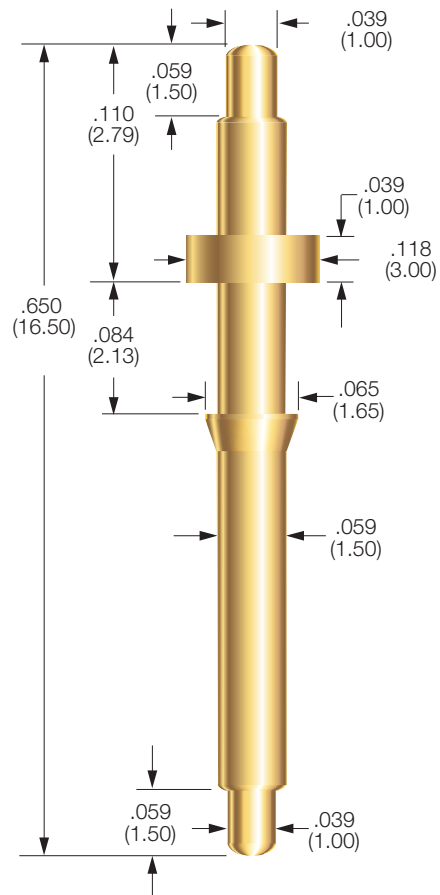
MATERIALS

Barrel: Nickel silver, gold plated
Plunger: Full-hard beryllium copper, gold plated
Spring: Stainless steel
Bias Ball: Stainless steel
O-ring: Silicone
Cap & Plug: Stainless steel, gold plated

HOW TO ORDER

101602-000

101549 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .125 (3.18)
Current Rating: 3 amps with 80° C rise
(Individual probe in free air @ ambient temperature)
Typical Resistance: < 50 mΩ
Spring Force: 3.5 oz. (100 g) @ .039 (1.00) travel, each end
Maximum Travel: .059 (1.50) travel, each end
Working Travel: .039 (1.00) travel, each end

MATERIALS

Barrel: Nickel silver, gold plated
Plunger: Full-hard beryllium copper, gold plated
Spring: Stainless steel

HOW TO ORDER

101549-000

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



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