

# SPRING PROBES

*For Board Test Applications*



# BOARD TEST SPRING PROBES

Smiths Connectors offers a wide range of spring contact probes to meet your testing requirements and has long been recognized as the world's largest probe manufacturer. With over 60 different probe series that includes our standard Board Test Fixture Probes as well as our Specialty Test Probes, we provide a full portfolio designed for general purpose test on bare boards, loaded printed circuit boards, surface mount assemblies and other forms of test.



## MICRO SERIES PROBES

The Micro Probe Series range in pitch from 0.20" (0.51 mm) to 0.030" (0.76 mm) pitch and are typically between half an inch to an inch in length.

## STANDARD PROBES

Our standard probes range in pitch from 0.039" (1.00 mm) to 0.187" (4.75 mm). Within most series, there are multiple length and travel options, including more aggressive probes dimensionally equivalent to the standard probes.

## ICT PROBES

The ICT probe design features a bifurcated barrel with four separate fingers. The barrel is compliant and formed against the plunger, thus eliminating any gap between the plunger and barrel. ICT probes are more accurate and stable in resistance than standard designs.

## LEAD FREE PROBES

The Lead Free Probe Series is based on our ICT Probe Series. The plunger material, plating and tip geometry have been optimized to provide less wear and contamination build-up while using a moderate spring force of 7 to 8 ounces.

## ROTATOR PROBES

Ideal for non-clean and lead-free applications, this aggressive probe rotates 90° at the rated travel, virtually drilling through contaminants with a low spring force.

## SWITCH PROBES

A Switch Probe is a spring contact probe and receptacle that has two individual current paths. One current path is closed, the other is open and after a designated travel the second current path closes.

## DOUBLE-ENDED PROBES & RECEPTACLES

Double-ended probes feature both a top-side and bottom-side compliant plunger. Double-ended receptacles are available with a permanent bottom-side plunger and a replaceable probe on the top side. They are also available with both a top and bottom-side replaceable probe.

## HIGH CURRENT PROBES

We offer two different high current probe designs in four different pitches. The SH Series features a bias ball, which is the most aggressive biasing technique to aid in assuring a low and consistent resistance, cycle after cycle. The SHE Series features a bias spring, an effective biasing technique for many applications.

## THERMOCOUPLE PROBES

The Thermocouple Probe is an ungrounded, thermally conductive probe used for the measurement of variations in temperature. We offer two Thermocouple Probes: Type T for up to 220°F, and Type K for up to 350°F.

## COAXIAL PROBES

Our Coax Probes provide a low noise, controlled impedance signal path with reliable, easy connect/disconnect options. Our designs include a spring-loaded signal probe and a spring-loaded shielding plunger for the ground.

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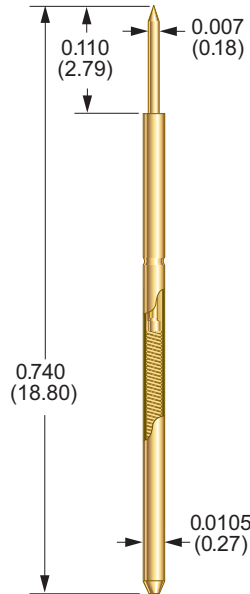
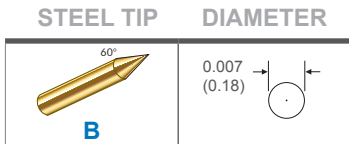
# TEST PROBES

## Dimensions & Specifications

### ▶ QUAD-00 SERIES

0.020 (0.51) Centers

For Quad-00 Series Receptacles see pg. 49



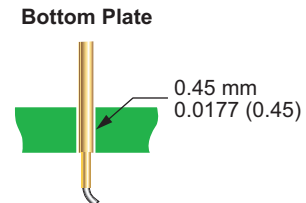
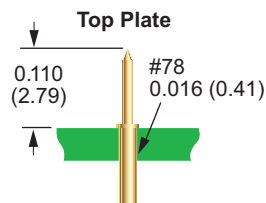
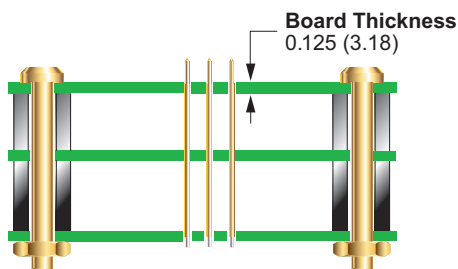
#### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.020 (0.51)
<b>Current Rating</b>	0.30 A continuous
<b>Spring Force</b>	0.75 oz (21 g) @ 0.067 (1.70) travel
<b>Preload Force</b>	0.23 oz (6.5 g)
<b>Typical Resistance</b>	< 160 mΩ
<b>Maximum Travel</b>	0.100 (2.54)
<b>Working Travel</b>	0.067 (1.70)

#### MATERIALS

<b>Barrel</b>	Gold alloy
<b>Spring</b>	Music wire, gold plated
<b>Plunger</b>	Steel, gold plated over nickel

#### FIXTURING OPTIONS




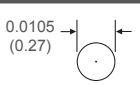

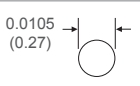

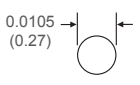
### HOW TO ORDER

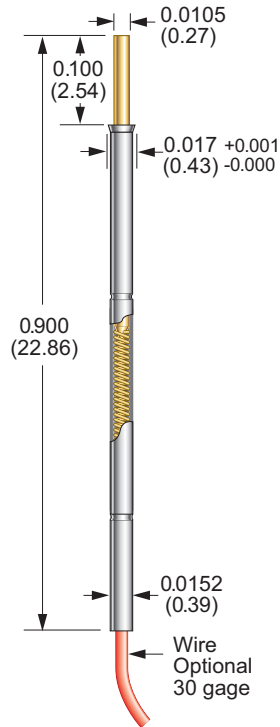
<b>QUAD - 00 B</b>	
1                      2	
<b>1</b> ▶ SERIES	<b>QUAD - 00</b>
<b>2</b> ▶ TIP STYLE	<b>B</b>

## ▶ QUAD-0 SERIES

0.020 (0.51) – 0.030 (0.76) Centers

For Quad-0 Series Receptacles see pg. 50

STEEL TIPS	DIAMETER
 <b>B</b>	0.0105 (0.27) 
 <b>C</b>	0.0105 (0.27) 
 <b>J</b>	0.0105 (0.27) 



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.020 (0.51) <i>(without receptacle)</i> 0.030 (0.76) <i>(with receptacle)</i>
<b>Current Rating</b>	0.50 A continuous
<b>Spring Force</b>	0.70 oz (20 g) @ 0.045 (1.14) travel
<b>Preload Force</b>	0.40 oz (11 g)
<b>Typical Resistance</b>	< 60 mΩ
<b>Maximum Travel</b>	0.100 (2.54)
<b>Working Travel</b>	0.045 (1.14)

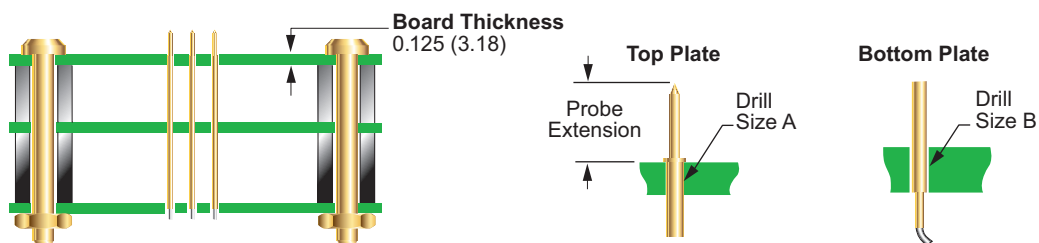
### MATERIALS

<b>Barrel</b>	Nickel/silver, gold lined
<b>Spring</b>	Stainless steel, gold plated
<b>Plunger</b>	Steel, gold plated over nickel

### FIXTURING

<b>Probe Extension</b>	Probe: 0.110 (2.79) Receptacle: 0.210 (5.33)
<b>Drill Size A</b>	Probe: #78 0.016 (0.41) Receptacle: #72 0.025 (0.64)
<b>Drill Size B</b>	Probe: 0.45 mm: 0.0177 (0.45) Receptacle: 0.70 mm: 0.0276 (0.70)

### FIXTURING OPTIONS



## HOW TO ORDER


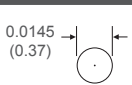

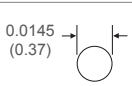
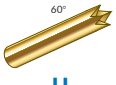
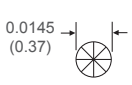

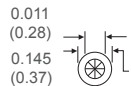
QUAD - 0 C - 36 - 1	
	1      2      3
<b>1</b> ▶ SERIES	QUAD - 0
<b>2</b> ▶ TIP STYLE	B, C, J
<b>3</b> ▶ WIRE <sup>(1)</sup>	0 - 0 NO WIRE
	12 - 1 WIRE LENGTH 12 IN., 1 IN. STRIP LENGTH
	36 - 1 WIRE LENGTH 36 IN., 1 IN. STRIP LENGTH

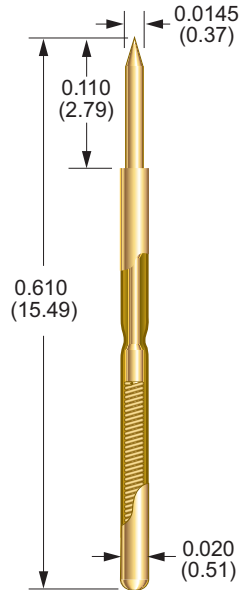
1. Unless otherwise specified, wire length 36", strip length 1", 30 gage magnet wire preattached, 12" and 36" standard  
2. Probes with wires are not intended for use with receptacles  
Dimensions are in inches (mm) | All specifications are subject to change

► **SS-30 SERIES**

0.039 (0.100) Centers

For RSS-30 Series Receptacles see pg. 51

BECU TIPS	DIAMETER
 <p><b>B</b></p>	 <p>0.0145 (0.37)</p>
 <p><b>J</b></p>	 <p>0.0145 (0.37)</p>
 <p><b>U</b></p>	 <p>0.0145 (0.37)</p>
 <p><b>UT</b></p>	 <p>0.011 (0.28) 0.145 (0.37)</p>



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.039 (0.100)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	1.30 oz (37 g) or 1.60 oz (45 g) @ 0.067 (1.70) travel
<b>Preload Force</b>	0.50 oz (14 g)
<b>Typical Resistance</b>	< 40 mΩ
<b>Maximum Travel</b>	0.100 (2.54)
<b>Working Travel</b>	0.067 (1.70)

**MATERIALS**

<b>Barrel</b>	Nickel/silver, preplated gold
<b>Spring</b>	Stainless steel, or music wire, gold plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel, or Duralloy™

**HOW TO ORDER**

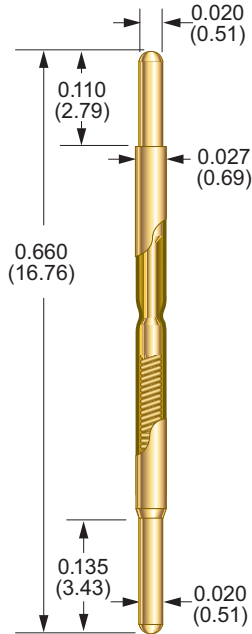
<b>SS - 30 - B - 1.3 - G</b> <small>1      2      3      4      5</small>	
<b>1</b> ▶ SERIES	<b>SS</b>
<b>2</b> ▶ SIZE	<b>30</b>
<b>3</b> ▶ TIP STYLE	<b>B, J, U, UT</b>
<b>4</b> ▶ SPRING FORCE	<b>1.3 oz.    1.6 oz.</b>
<b>5</b> ▶ PLUNGER PLATING	<b>G GOLD    D DURALLOY™</b>

## ► S-00 SERIES

0.039 (0.100) Centers

For R-00 Series Receptacles see pg. 52

BECU TIPS	DIAMETER
<b>B</b>	0.020 (0.51)
<b>C</b>	0.020 (0.51)
<b>G</b>	0.020 (0.51)
<b>J</b>	0.020 (0.51)
<b>U</b>	0.020 (0.51)



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.039 (1.00)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	1.30 oz (37 g) or 1.60 oz (45 g) @ 0.050 (1.27) travel
<b>Preload Force</b>	0.60 oz (17 g) (1.30 oz spring/BeCu) 0.70 oz (20 g) (1.60 oz spring/stainless steel)
<b>Typical Resistance</b>	< 55 mΩ
<b>Maximum Travel</b>	0.090 (2.29)
<b>Working Travel</b>	0.050 (1.27)

### MATERIALS

<b>Barrel</b>	Nickel/silver, preplated gold
<b>Spring</b>	Beryllium copper, or stainless steel, gold plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel, or Duralloy™

## HOW TO ORDER

**S - 00 - J - 1.3 - G**



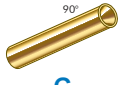

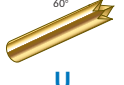
1 2 3 4 5

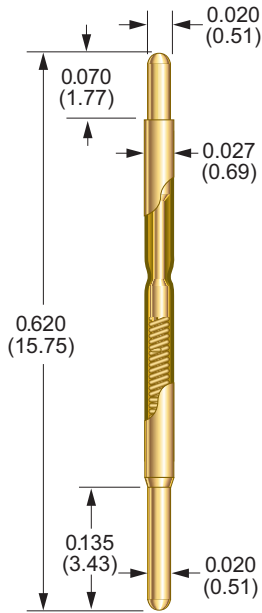
<b>1</b> ► SERIES	<b>S</b>
<b>2</b> ► SIZE	<b>00</b>
<b>3</b> ► TIP STYLE	<b>B, C, G, J, U</b>
<b>4</b> ► SPRING FORCE	<b>1.3</b> oz. <b>1.6</b> oz.
<b>5</b> ► PLUNGER PLATING	<b>G</b> GOLD <b>D</b> DURALLOY™

► **SS-40 SERIES**

0.039 (0.100) Centers

For R-00 Series Receptacles see pg. 52

BECU TIPS	DIAMETER
 <b>B</b>	0.020 (0.51)
 <b>C</b>	0.020 (0.51)
 <b>G</b>	0.020 (0.51)
 <b>J</b>	0.020 (0.51)
 <b>U</b>	0.020 (0.51)



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.039 (0.100)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	1.80 oz (51 g) or 2.40 oz (68 g) @ 0.050 (1.27) travel
<b>Preload Force</b>	1.10 oz (31 g) (1.80 oz spring/BeCu) 1.50 oz (43 g) (2.40 oz spring/stainless steel)
<b>Typical Resistance</b>	< 55 mΩ
<b>Maximum Travel</b>	0.050 (1.27)
<b>Working Travel</b>	0.050 (1.27)

**MATERIALS**

<b>Barrel</b>	Nickel/silver, preplated gold
<b>Spring</b>	Beryllium copper, or stainless steel, gold plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel, or Duralloy™

**HOW TO ORDER**

SS - 40 - J - 1.8 - G	
	1      2      3      4      5
<b>1</b> ► SERIES	SS
<b>2</b> ► SIZE	40
<b>3</b> ► TIP STYLE	B, C, G, J, U
<b>4</b> ► SPRING FORCE	1.8 oz.      2.4 oz.
<b>5</b> ► PLUNGER PLATING	G GOLD      D DURALLOY™

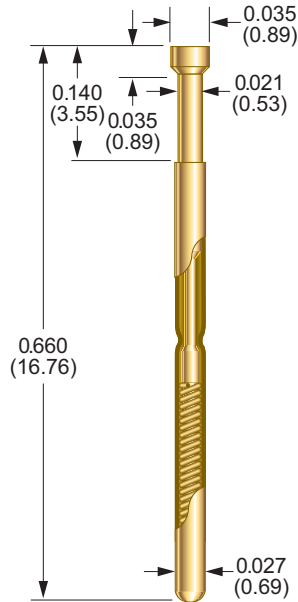


## ► S-0 SERIES

0.050 (1.27) Centers

For R-0 Series Receptacles see pg. 53

BECU TIPS	DIAMETER
<b>A</b>	0.035 (0.89)
<b>B</b>	0.021 (0.53)
<b>B9</b>	0.021 (0.53)
<b>D</b>	0.035 (0.89)
<b>E</b>	0.035 (0.89)
<b>ES</b>	0.046 (1.17)
<b>H</b>	0.035 (0.89)
<b>J</b>	0.021 (0.53)
<b>JS</b>	0.016 (0.41) 0.021 (0.53)
<b>T4</b>	0.035 (0.89)
<b>U</b>	0.021 (0.53)
<b>UT</b>	0.011 (0.28) 0.021 (0.53)
<b>V</b>	0.035 (0.89)



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.050 (1.27)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	2.20 oz (62 g), 2.50 oz (71 g), or 3.70 oz (105 g) @ 0.070 (1.78) travel
<b>Preload Force</b>	0.60 oz (17 g) (2.20 oz spring/BeCu) 0.60 oz (17 g) (2.50 oz spring/stainless steel) 1.90 oz (54 g) (3.70 oz spring/music wire)
<b>Typical Resistance</b>	< 35 mΩ
<b>Maximum Travel</b>	0.100 (2.54)
<b>Working Travel</b>	0.070 (1.78)

### MATERIALS

<b>Barrel</b>	Nickel/silver, gold plated
<b>Spring</b>	Beryllium copper, music wire, or stainless steel, gold plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel, or Duralloy™

## HOW TO ORDER

**S - 0 - A - 2.2 - G**  
1 2 3 4 5

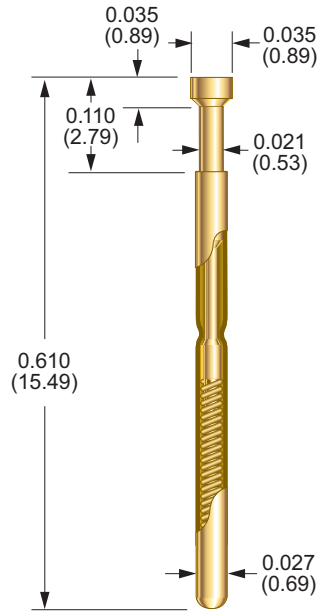
<b>1</b> ▶ SERIES	<b>S</b> <b>SX</b>
<b>2</b> ▶ SIZE	<b>0</b>
<b>3</b> ▶ TIP STYLE	<b>A, B, B9, D, E, ES, H, J, JS, T4, U, UT, V</b>
<b>4</b> ▶ SPRING FORCE	<b>2.2</b> oz. <b>2.5</b> oz. <b>3.7</b> oz.
<b>5</b> ▶ PLUNGER PLATING	<b>G</b> GOLD <b>D</b> DURALLOY™

► **SS-50 SERIES**

0.050 (1.27) Centers

For R-0 Series Receptacles see pg. 53

BECU TIPS	DIAMETER
<b>A</b>	0.035 (0.89)
<b>B</b>	0.021 (0.53)
<b>B9</b>	0.021 (0.53)
<b>D</b>	0.035 (0.89)
<b>E</b>	0.035 (0.89)
<b>ES</b>	0.046 (1.17)
<b>H</b>	0.035 (0.89)
<b>J</b>	0.021 (0.53)
<b>JS</b>	0.100 (2.54) 0.016 (0.41) 0.021 (0.53)
<b>T4</b>	0.035 (0.89)
<b>U</b>	0.021 (0.53)
<b>UT</b>	0.011 (0.28) 0.021 (0.53)
<b>V</b>	0.035 (0.89)



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.050 (1.27)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	2.90 oz (82 g), 3.30 oz (94 g), or 5.10 oz (145 g) @ 0.050 (1.27) travel
<b>Preload Force</b>	1.10 oz (31 g) (2.90 oz spring/BeCu) 1.70 oz (48 g) (3.30 oz spring/stainless steel) 1.50 oz (42 g) (5.10 oz spring/music wire)
<b>Typical Resistance</b>	< 35 mΩ
<b>Maximum Travel</b>	0.070 (1.78)
<b>Working Travel</b>	0.050 (1.27)

**MATERIALS**

<b>Barrel</b>	Nickel/silver, gold plated
<b>Spring</b>	Beryllium copper, stainless steel, or music wire, gold plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel, or Duralloy™

**HOW TO ORDER**

	1	2	3	4	5
<b>SS - 50 - A - 2.9 - G</b>					
<b>1</b> ► SERIES	SS	SSX <sup>(1)</sup>			
<b>2</b> ► SIZE	50				
<b>3</b> ► TIP STYLE	A, B, B9, D, E, ES, H, J, JS, T4, U, UT, V				
<b>4</b> ► SPRING FORCE	2.9 oz.	3.3 oz.	5.1 oz.		
<b>5</b> ► PLUNGER PLATING	G GOLD	D DURALLOY™			

## ► ICT-50C & S-50C SERIES

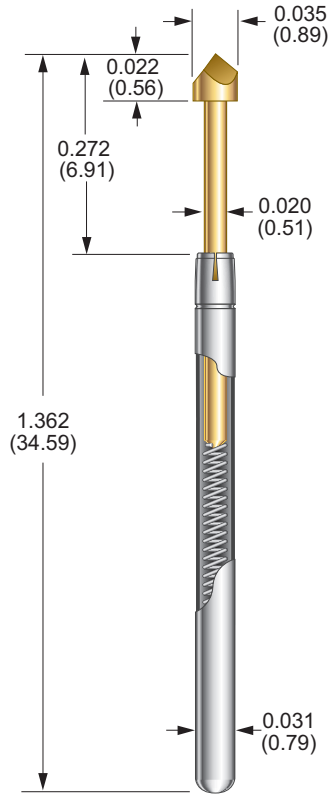
0.050 (1.27) Centers

For R-50C Series Receptacle see pg. 54

For R-50C-J-DE Wireless Series Receptacles see pg. 55

BECU TIPS	DIAMETER
<b>A</b>	0.035 (0.89)
<b>J</b>	0.020 (0.51)
<b>V8</b>	0.035 (0.89) 8 Pts.

STEEL TIPS	DIAMETER
<b>B</b>	0.020 (0.51)
<b>HS</b>	0.020 (0.51)
<b>M</b>	0.020 (0.51)
<b>SP</b>	0.020 (0.51)
<b>SW</b>	0.020 (0.51)
<b>T</b>	0.029 (0.74)
<b>TL</b>	0.035 (0.89)
<b>Z</b>	0.020 (0.51)



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.050 (1.27)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	4.30 oz (122 g) or 5.60 oz (159 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	1.90 oz (54 g) (4.30 oz spring/stainless steel) 2.10 oz (60 g) (5.60 oz spring/music wire)
<b>Typical Resistance</b>	ICT-50C: < 20 mΩ S-50C: < 25 mΩ
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

### MATERIALS

<b>Barrel</b>	Nickel/silver, gold lined
<b>Spring</b>	Music wire, nickel plated, or stainless steel
<b>Plunger</b>	Beryllium copper, or steel, gold plated over nickel

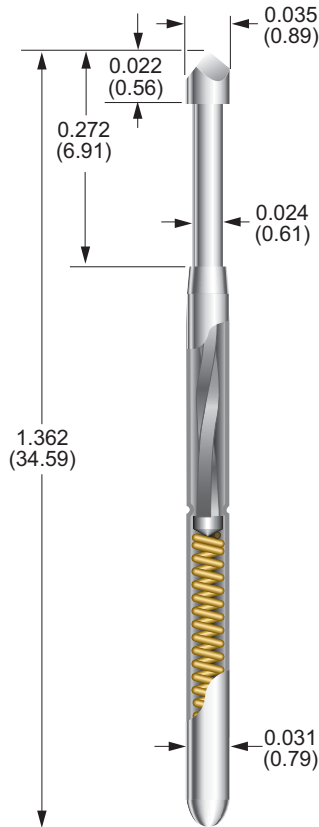
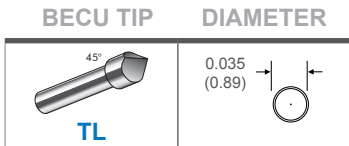
## HOW TO ORDER

	ICT - 50C - T - 5.6 - DG - S
	1 2 3 4 5 6
<b>1</b> ► SERIES	ICT <sup>(1)</sup> S
<b>2</b> ► SIZE	50C
<b>3</b> ► TIP STYLE	A, B, HS, J, M, SP, SW, T, TL, V8, Z
<b>4</b> ► SPRING FORCE	4.3 OZ. 5.6 OZ.
<b>5</b> ► PLUNGER PLATING	DG DURAGOLD™
<b>6</b> ► STEEL PLUNGER OPTION	S STEEL

► **S-50C ROTATOR SERIES**

0.050 (1.27) Centers

For R-50C Series Receptacles see pg. 54



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.050 (1.27)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	3.70 oz (105 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	1.50 oz (42 g)
<b>Typical Resistance</b>	< 25 mΩ
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)
<b>Rotation</b>	85° @ 0.170 (4.32) travel

**MATERIALS**

<b>Barrel</b>	Nickel/silver, gold lined
<b>Spring</b>	Music wire, gold plated
<b>Plunger</b>	Beryllium copper, Duralloy™ plated

**HOW TO ORDER**

<b>S - 50C - TL - 3.7 - RT</b> <small>1      2      3      4      5</small>	
<b>1</b> ► SERIES	<b>S</b>
<b>2</b> ► SIZE	<b>50C</b>
<b>3</b> ► TIP STYLE	<b>TL</b>
<b>4</b> ► SPRING FORCE	<b>3.7 oz.</b>
<b>5</b> ► ROTATOR	<b>RT</b>

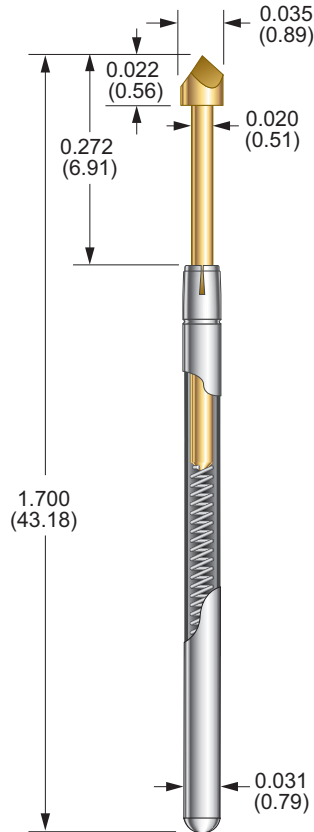
## ► ICT-50J SERIES

0.050 (1.27) Centers

For R-50J Series Receptacles see pg. 56

BECU TIPS	DIAMETER
<b>A</b>	0.035 (0.89)
<b>J</b>	0.020 (0.51)
<b>V8</b>	0.035 (0.89) 8 Pts.

STEEL TIPS	DIAMETER
<b>B</b>	0.020 (0.51)
<b>HS</b>	0.020 (0.51)
<b>M</b>	0.020 (0.51)
<b>S</b>	0.020 (0.51)
<b>SP</b>	0.020 (0.51)
<b>SW</b>	0.020 (0.51)
<b>T</b>	0.029 (0.74)
<b>TL</b>	0.035 (0.89)
<b>UR</b>	0.016 (0.41) 0.020 (0.51)
<b>Z</b>	0.020 (0.51)



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.050 (1.27)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	4.00 oz (113 g), 5.60 oz (159 g), 7.00 oz (198 g), or 10.00 oz (283 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	1.80 oz (51 g) (4.00 oz spring/stainless steel) 2.50 oz (71 g) (5.60 oz spring/stainless steel) 3.10 oz (88 g) (7.00 oz spring/music wire) 4.60 oz (130 g) (10.00 oz spring/music wire)
<b>Typical Resistance</b>	< 20 mΩ
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

### MATERIALS

<b>Barrel</b>	Nickel/silver, gold lined
<b>Spring</b>	Music wire, nickel plated, or stainless steel
<b>Plunger</b>	Beryllium copper, or steel, gold plated over nickel

## HOW TO ORDER

**ICT - 50J - T - 5.6 - DG - S**


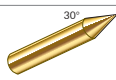


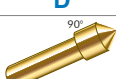



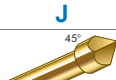
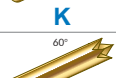
1      2      3      4      5      6

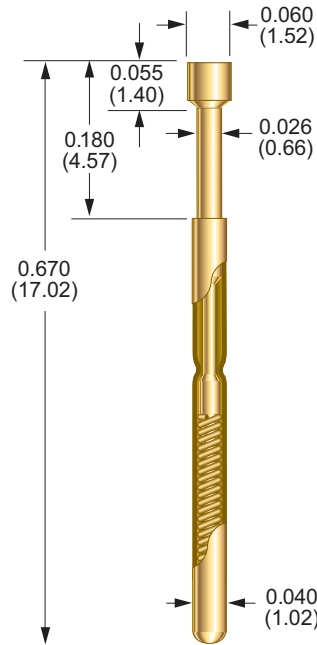
<b>1</b> ► SERIES	ICT <sup>(1)</sup>
<b>2</b> ► SIZE	50J
<b>3</b> ► TIP STYLE	A, B, HS, J, M, S, SP, SW, T, TL, UR, V8, Z
<b>4</b> ► SPRING FORCE	4 oz.      5.6 oz. 7 oz.      10 oz.
<b>5</b> ► PLUNGER PLATING	DG DURAGOLD™
<b>6</b> ► STEEL PLUNGER OPTION	S STEEL

► **S-1 SERIES**

0.075 (1.91) Centers

For R-1 Series Receptacles see pg. 57

BECU TIPS	DIAMETER
 <b>A</b>	0.060 (1.52)
 <b>B</b>	0.026 (0.66)
 <b>C</b>	0.026 (0.66)
 <b>D</b>	0.040 (1.02)
 <b>E</b>	0.060 (1.52)
 <b>F</b>	0.060 (1.52)
 <b>H</b>	0.060 (1.52)
 <b>J</b>	0.026 (0.66)
 <b>K</b>	0.060 (1.52)
 <b>U</b>	0.026 (0.66)



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.075 (1.91)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	2.00 oz (57 g), 3.80 oz (108 g), or 6.60 oz (187 g) @ 0.070 (1.78) travel
<b>Preload Force</b>	0.80 oz (23 g) (2.00 oz spring/stainless steel) 1.50 oz (43 g) (3.80 oz spring/stainless steel) 2.00 oz (57 g) (6.60 oz spring/music wire)
<b>Typical Resistance</b>	< 25 mΩ
<b>Maximum Travel</b>	0.100 (2.54)
<b>Working Travel</b>	0.070 (1.78)

**MATERIALS**

<b>Barrel</b>	Nickel/silver, gold plated
<b>Spring</b>	Stainless steel, or music wire, gold plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel, or Duralloy™

**HOW TO ORDER**

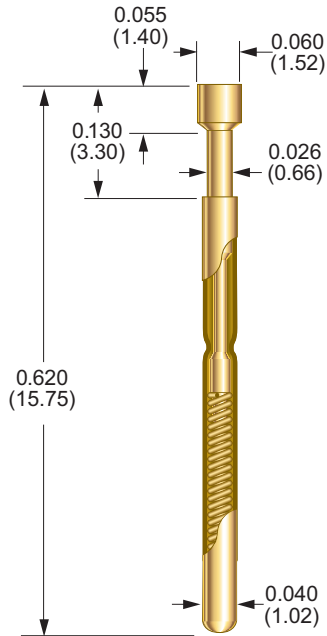
	S	1	A	3.8	G
	1	2	3	4	5
<b>1</b> ► SERIES	S	SX <sup>(1)</sup>			
<b>2</b> ► SIZE	1				
<b>3</b> ► TIP STYLE	A, B, C, D, E, F, H, J, K, U				
<b>4</b> ► SPRING FORCE	2 oz. 3.8 oz. 6.6 oz.				
<b>5</b> ► PLUNGER PLATING	G GOLD D DURALLOY™				

## ► SS-75 SERIES

0.075 (1.91) Centers

For R-1 Series Receptacles see pg. 57

BECU TIPS	DIAMETER
<b>A</b>	0.060 (1.52)
<b>B</b>	0.026 (0.66)
<b>C</b>	0.026 (0.66)
<b>D</b>	0.040 (1.02)
<b>E</b>	0.060 (1.52)
<b>F</b>	0.060 (1.52)
<b>H</b>	0.060 (1.52)
<b>J</b>	0.026 (0.66)
<b>K</b>	0.060 (1.52)
<b>U</b>	0.026 (0.66)



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.075 (1.91)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	2.40 oz (68 g) or 4.90 oz (139 g) @ 0.050 (1.27) travel
<b>Preload Force</b>	1.70 oz (48 g) (2.40 oz spring/stainless steel) 3.10 oz (88 g) (4.90 oz spring/stainless steel)
<b>Typical Resistance</b>	< 25 mΩ
<b>Maximum Travel</b>	0.050 (1.27)
<b>Working Travel</b>	0.050 (1.27)

### MATERIALS

<b>Barrel</b>	Nickel/silver, gold plated
<b>Spring</b>	Stainless steel, gold plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel or Duralloy™

## HOW TO ORDER

	1	2	3	4	5
<b>SS - 75 - A - 2.4 - G</b>					
<b>1</b> ► SERIES	SS		SSX <sup>(1)</sup>		
<b>2</b> ► SIZE		75			
<b>3</b> ► TIP STYLE	A, B, C, D, E, F, H, J, K, U				
<b>4</b> ► SPRING FORCE	2.4 oz.		4.9 oz.		
<b>5</b> ► PLUNGER PLATING	G GOLD		D DURALLOY™		

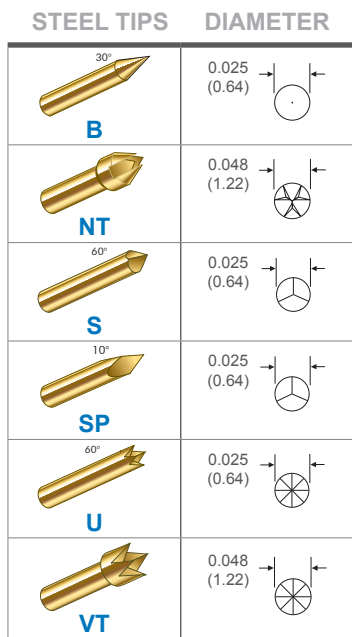
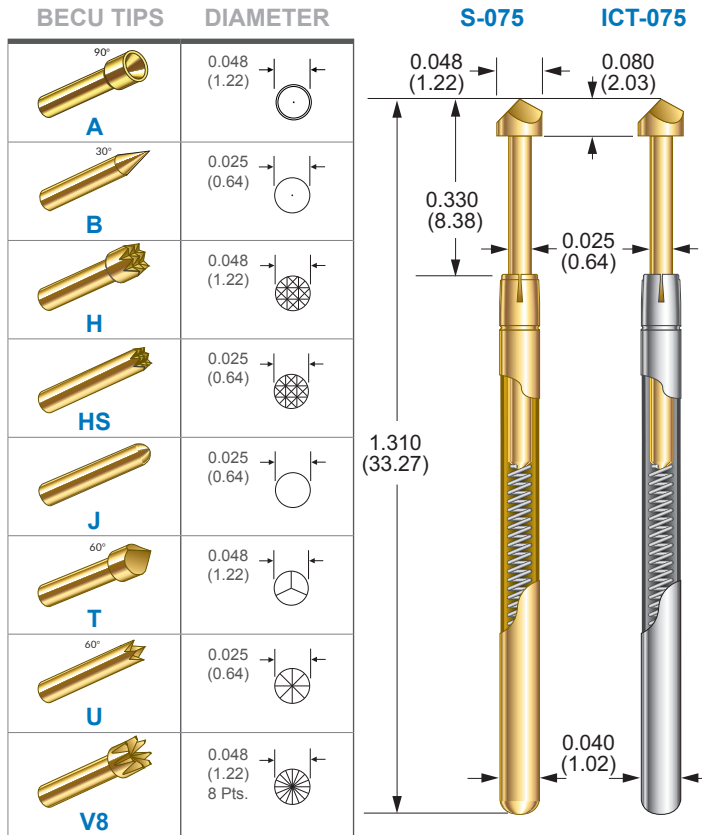
1. Improved pointing accuracy  
Dimensions are in inches (mm) | All specifications are subject to change

► **ICT-075 & S-075 SERIES**

0.075 (1.91) Centers

For R-075 Series Receptacles see pg. 58

For R-075-J-DE Wireless Series Receptacles see pg. 59



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.075 (1.91)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	3.00 <sup>(1)</sup> oz (85 g), 5.00 oz (142 g), 7.00 oz (198 g), or 10.00 oz (283 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	1.20 oz (34 g) (3.00 <sup>(1)</sup> oz spring) 2.00 oz (57 g) (5.00 oz spring) 2.90 oz (82 g) (7.00 oz spring) 3.30 oz (94 g) (10.00 oz spring)
<b>Typical Resistance</b>	< 25 mΩ
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

**MATERIALS**

<b>Barrel</b>	ICT Series: Gold lined S Series: Gold plated I.D. and O.D.
<b>Spring</b>	Music wire, nickel plated
<b>Plunger</b>	Beryllium copper, or steel, gold plated over nickel

**HOW TO ORDER**

	1	2	3	4	5	6
<b>1</b> ▶ SERIES	ICT <sup>(2)</sup> S					
<b>2</b> ▶ SIZE	075					
<b>3</b> ▶ TIP STYLE	A, B, H, HS, J, NT, S, SP, T, U, V8, VT					
<b>4</b> ▶ SPRING FORCE	3 oz. <sup>(1)</sup>		5 oz.			
	7 oz.		10 oz.			
<b>5</b> ▶ PLUNGER PLATING	G GOLD					
<b>6</b> ▶ STEEL PLUNGER OPTION	S STEEL					

1. 3.00 oz spring for S-075 Series only

2. High performance

Dimensions are in inches (mm) | All specifications are subject to change

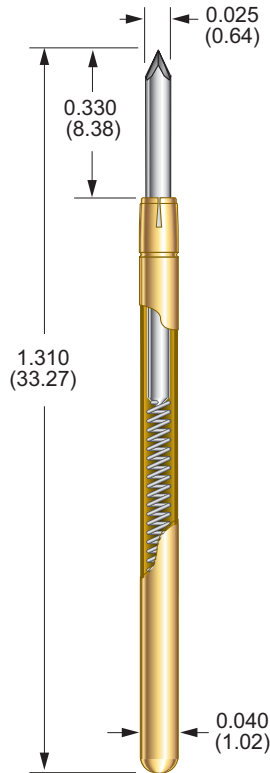
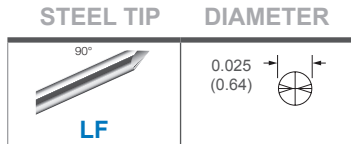


## ▶ LEAD FREE ICT-075 SERIES

0.075 (1.91) Centers

For R-075 Series Receptacles see pg. 58

For R-075-J-DE Wireless Series Receptacles see pg. 59



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.075 (1.91)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	7.00 oz (198 g) @ 0.170 (4.32) travel
<b>Typical Resistance</b>	< 40 mΩ (against lead free surface)
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

### MATERIALS

<b>Barrel</b>	G2
<b>Spring</b>	Music wire, nickel plated
<b>Plunger</b>	Steel, Duralloy™ plated

## HOW TO ORDER

**ICT - 075 - LF - 7 - D - S**

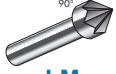

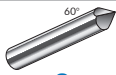

1      2      3      4      5      6

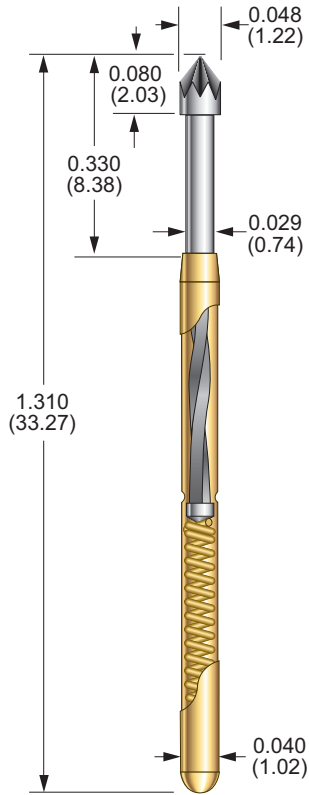
<b>1</b> ▶ SERIES	ICT
<b>2</b> ▶ SIZE	075
<b>3</b> ▶ TIP STYLE	LF
<b>4</b> ▶ SPRING FORCE	7 oz.
<b>5</b> ▶ PLUNGER PLATING	D DURALLOY™
<b>6</b> ▶ STEEL PLUNGER OPTION	S STEEL

► **S-075 ROTATOR SERIES**

0.075 (1.91) Centers

For R-075 Series Receptacles see pg. 58

BECU TIPS	DIAMETER
 LM	 0.048 (1.22)
 S	 0.029 (0.74)



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.075 (1.91)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	3.80 oz (108 g) or 6.60 oz (187 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	0.50 oz (14 g) (3.80 oz spring) 1.60 oz (45 g) (6.60 oz spring)
<b>Typical Resistance</b>	< 25 mΩ
<b>Maximum Travel</b>	0.225 (5.72)
<b>Working Travel</b>	0.170 (4.32)
<b>Rotation</b>	90° @ 0.170 (4.32) travel

**MATERIALS**

<b>Barrel</b>	G2
<b>Spring</b>	Music wire, gold plated
<b>Plunger</b>	Beryllium copper, Duralloy™ plated

**HOW TO ORDER**

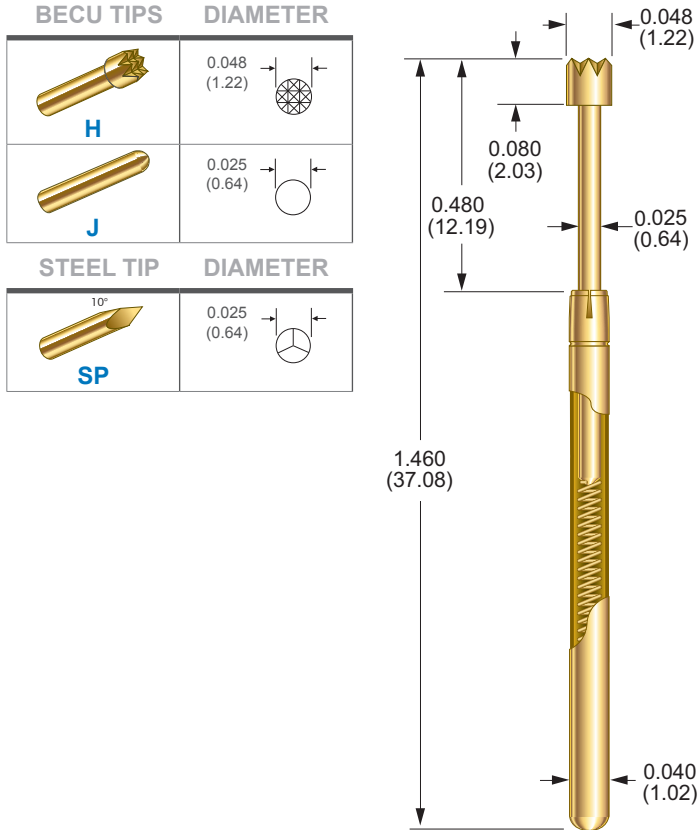
S - 075 - LM - 3.8 - RT	
	1      2      3      4      5
<b>1</b> ► SERIES	S
<b>2</b> ► SIZE	075
<b>3</b> ► TIP STYLE	LM, S
<b>4</b> ► SPRING FORCE	3.8 oz.      6.6 oz.
<b>5</b> ► ROTATOR	RT

## ► ICT-L075 SERIES

0.075 (1.91) Centers

For R-075 Series Receptacles see pg. 58

For R-075-J-DE Wireless Series Receptacles see pg. 59



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.075 (1.91)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	4.30 oz (122 g) @ 0.317 (8.05) travel
<b>Preload Force</b>	1.80 oz (51 g)
<b>Typical Resistance</b>	< 15 mΩ
<b>Maximum Travel</b>	0.400 (10.16)
<b>Working Travel</b>	0.317 (8.05)

### MATERIALS

<b>Barrel</b>	G2
<b>Spring</b>	Music wire, gold plated
<b>Plunger</b>	Beryllium copper, or steel, gold plated over nickel

## HOW TO ORDER

**ICT - L075 - H - 4.3 - G - S**

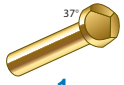



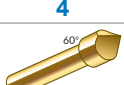

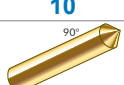


1            2            3            4            5            6

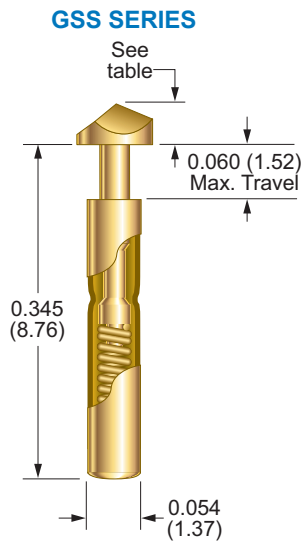
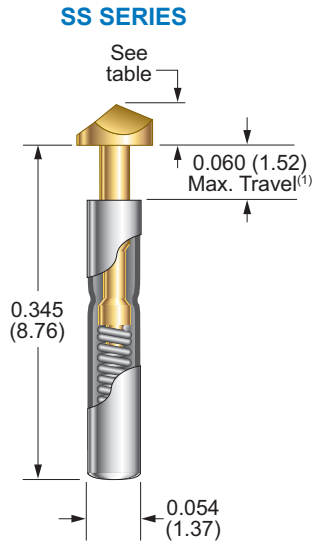
<b>1</b> ▶ SERIES	<b>ICT</b>
<b>2</b> ▶ SIZE	<b>L075</b>
<b>3</b> ▶ TIP STYLE	<b>H, J, SP</b>
<b>4</b> ▶ SPRING FORCE	<b>4.3 oz.</b>
<b>5</b> ▶ PLUNGER PLATING	<b>G</b> GOLD
<b>6</b> ▶ STEEL PLUNGER OPTION	<b>S</b> STEEL

► **SS & GSS SERIES**

0.100 (2.54) Centers

For RSS-100 Series Receptacles see pg. 60. For R-100/SS Series Receptacles see pg. 61.  
For R-SS/SS Series Receptacles see pg. 62.

BEUC TIPS	DIAMETER
 <b>1</b>	0.077 (1.96)
 <b>2</b>	0.077 (1.96)
 <b>3</b>	0.077 (1.96) 0.075 Radius
 <b>4</b>	0.062 (1.57)
 <b>8</b>	0.075 (1.91)
 <b>10</b>	0.045 (1.14)
 <b>11</b>	0.045 (1.14)
 <b>18</b>	0.075 (1.91)
 <b>19</b>	0.045 (1.14)



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.100 (2.54)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	3.80 oz (108 g) or 7.00 oz (198 g) @ 0.050 (1.27) travel
<b>Preload Force</b>	1.60 oz (45 g) (3.80 oz spring/stainless steel) 1.30 oz (37 g) (7.00 oz spring/music wire)
<b>Typical Resistance</b>	SS Series: < 65 mΩ GSS Series: < 30 mΩ
<b>Maximum Travel</b>	0.060 (1.52) <sup>(1)</sup>
<b>Working Travel</b>	0.050 (1.27)

**MATERIALS**

<b>Barrel</b>	SS Series: Nickel/silver GSS Series: Nickel/silver, gold plated
<b>Spring</b>	SS Series: Stainless steel or music wire GSS Series: Stainless steel, or music wire, gold plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel

TIP	HEAD LENGTH	TIP	HEAD LENGTH
<b>1</b>	0.040 (1.02)	<b>10</b>	0.028 (0.71)
<b>2</b>	0.028 (0.71)	<b>11</b>	0.040 (1.02)
<b>3</b>	0.028 (0.71)	<b>18</b>	0.060 (1.52)
<b>4</b>	0.040 (1.02)	<b>19</b>	0.055 (1.40)
<b>8</b>	0.080 (2.03)		

**HOW TO ORDER**

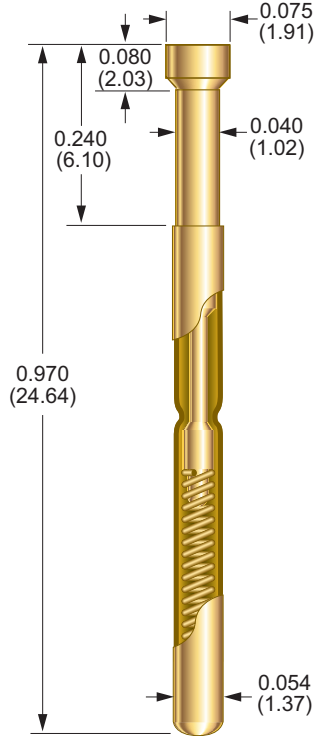
<b>SS - 1 - 3.8 - G</b>	
<b>1    2    3    4</b>	
<b>1</b> ► SERIES	<b>SS</b> <b>GSS</b>
<b>2</b> ► TIP STYLE	<b>1, 2, 3, 4, 8, 10, 11, 18, 19</b>
<b>3</b> ► SPRING FORCE	<b>3.8 oz.</b> <b>7 oz.</b>
<b>4</b> ► PLUNGER PLATING	<b>G GOLD</b>

## ► S-2 SERIES

0.100 (2.54) Centers

For R-2 Series Receptacles see pg. 63

BECU TIPS	DIAMETER
<b>A</b>	0.075 (1.91)
<b>B</b>	0.040 (1.02)
<b>C</b>	0.040 (1.02)
<b>D</b>	0.050 (1.27)
<b>E</b>	0.075 (1.91)
<b>F</b>	0.075 (1.91)
<b>G</b>	0.040 (1.02)
<b>H</b>	0.075 (1.91)
<b>J</b>	0.040 (1.02)
<b>K</b>	0.075 (1.91)
<b>T</b>	0.075 (1.91)
<b>V</b>	0.060 (1.52)
<b>X</b>	0.060 (1.52)



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.100 (2.54)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	4.00 oz (113 g), 7.00 oz (198 g), 8.30 oz (235 g), or 10.00 oz (283 g) @ 0.100 (2.54) travel
<b>Preload Force</b>	1.60 oz (45 g) (4.00 oz spring/BeCu) 2.90 oz (82 g) (7.00 oz spring/stainless steel) 3.30 oz (93 g) (8.30 oz spring/music wire) 3.90 oz (110 g) (10.00 oz spring/music wire)
<b>Typical Resistance</b>	< 35 mΩ
<b>Maximum Travel</b>	0.160 (4.06)
<b>Working Travel</b>	0.100 (2.54)

### MATERIALS

<b>Barrel</b>	Nickel/silver, gold plated
<b>Spring</b>	Beryllium copper, precious metal plated, music wire, or stainless steel, gold plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel, or Duralloy™

## HOW TO ORDER

	S - 2 - A - 4 - G				
	1	2	3	4	5
<b>1</b> ► SERIES	S				
<b>2</b> ► SIZE	2				
<b>3</b> ► TIP STYLE	A, B, C, D, E, F, G, H, J, K, T, V, X				
<b>4</b> ► SPRING FORCE	4 oz.		7 oz.		
	8.3 oz.		10 oz.		
<b>5</b> ► PLUNGER PLATING	G GOLD		D DURALLOY™		

► **ICT-100 & S-100 SERIES**

0.100 (2.54) Centers

For R-100/SS Series Receptacles see pg. 61. For R-100 Series Receptacles see pg. 64. For R-100-J-DE Wireless Series Receptacles see pg. 65

BECU TIPS		DIAMETER	
	0.060 (1.52)		0.036 (0.91)
	0.050 (1.27)		0.036 (0.91)
	0.060 (1.52)		0.055 (1.40)
	0.060 (1.52)		0.036 (0.91)
	0.075 (1.91)		0.036 (0.91)
	0.093 (2.36)		0.036 (0.91)
	0.068 (1.73) 0.075 (1.91) 0.090 insulator dia.		0.020 (0.51) 0.036 (0.91)
	0.036 (0.91)		0.050 (1.27)
	0.025 (0.64) 0.036 (0.91)		0.055 (1.40)
	0.060 (1.52)		
	0.060 (1.52)		
	0.060 (1.52)		
	0.060 (1.52) 8 Pts.		
	0.050 (1.27)		

STEEL TIPS		DIAMETER	
	0.036 (0.91)		0.036 (0.91)
	0.036 (0.91)		0.055 (1.40)
	0.055 (1.40)		0.036 (0.91)
	0.036 (0.91)		0.036 (0.91)
	0.036 (0.91)		0.036 (0.91)
	0.036 (0.91)		0.020 (0.51) 0.036 (0.91)
	0.020 (0.51) 0.036 (0.91)		0.050 (1.27)
	0.050 (1.27)		0.055 (1.40)
	0.055 (1.40)		

**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.100 (2.54)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	3.50 oz (99 g) <sup>(1)</sup> , 5.50 oz (156 g), 6.70 oz (190 g), 8.00 oz (227 g), 10.00 oz (283 g), or 17.00 oz (483 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	1.50 oz (43 g) (3.50 <sup>(1)</sup> oz spring/BeCu) 2.40 oz (68 g) (5.50 oz spring/music wire <sup>(2)</sup> ) 2.80 oz (80 g) (6.70 oz spring/stainless steel) 3.30 oz (94 g) (8.00 oz spring/music wire <sup>(2)</sup> ) 3.70 oz (105 g) (10.00 oz spring/music wire) 6.80 oz (193 g) (17.00 oz spring/music wire)
<b>Typical Resistance</b>	< 8 mΩ
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

**MATERIALS**

<b>Barrel</b>	ICT Series: Gold lined S Series: Gold plated I.D. and O.D.
<b>Spring</b>	Beryllium copper or music wire, nickel plated, or stainless steel
<b>Plunger</b>	Beryllium copper, or steel, gold plated over nickel

**HOW TO ORDER**

	1	2	3	4	5	6
<b>ICT - 100 - T - 5.5 - G - S</b>						
<b>1 ► SERIES</b>	ICT <sup>(3)</sup>		S			
<b>2 ► SIZE</b>	100					
<b>3 ► TIP STYLE</b>	A, B, D, F, H, HK, HL, HSC, J, JS, K, M, NT, SP, SWS, T, U, UR, V, V8, W, WO, Y					
<b>4 ► SPRING FORCE</b>	3.5 oz. <sup>(1)</sup>	5.5 oz.	6.7 oz.			
	8 oz.	10 oz.	17 oz.			
<b>5 ► PLUNGER PLATING</b>	G GOLD					
<b>6 ► STEEL PLUNGER</b>	S STEEL					

1. 3.50 oz. spring for S-100 Series only  
2. BeCu instead of music wire for S Series  
3. High performance

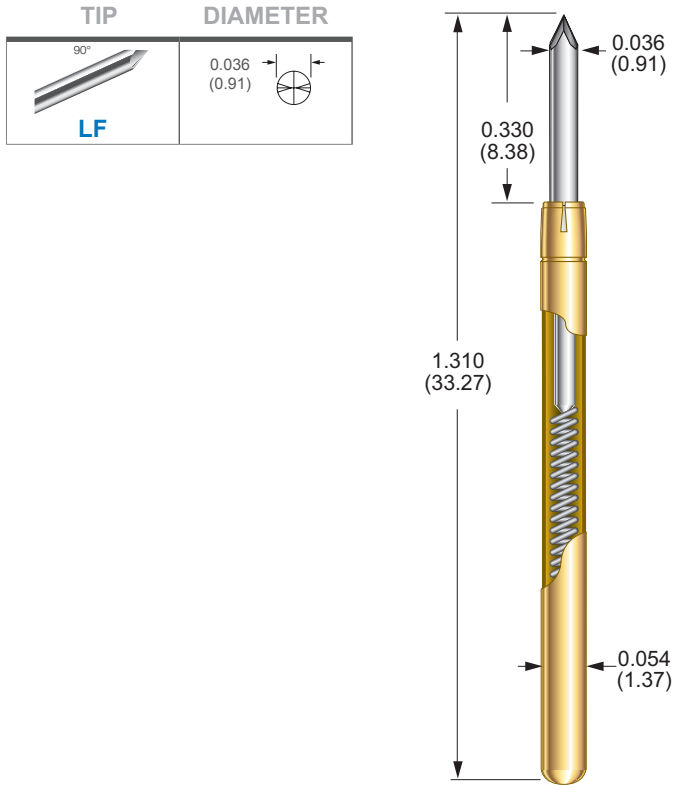
Dimensions are in inches (mm) | All specifications are subject to change

## ▶ LEAD FREE ICT-100 SERIES

0.100 (2.54) Centers

For R-100 Series Receptacles see pg. 64

For R-100-J-DE Wireless Series Receptacles see pg. 65



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.100 (2.54)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	8.00 oz (227 g) @ 0.170 (4.32) travel
<b>Typical Resistance</b>	< 30 mΩ (against lead free surface)
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

### MATERIALS

<b>Barrel</b>	G2
<b>Spring</b>	Music wire, nickel plated
<b>Plunger</b>	Steel, Duralloy™ plated

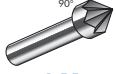

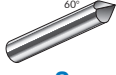

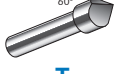

## HOW TO ORDER

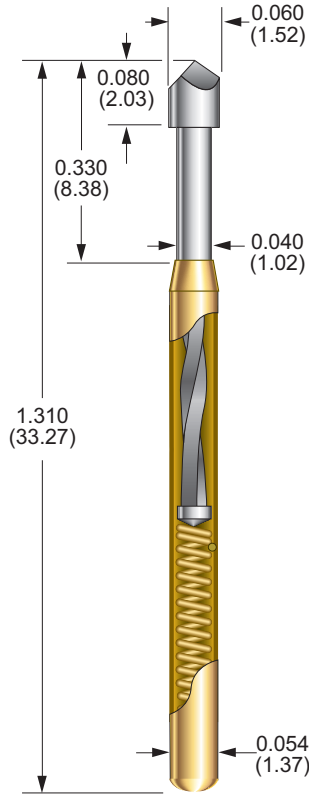
<b>ICT - 100 - LF - 8 - D - S</b>	
<span style="margin: 0 10px;">1</span> <span style="margin: 0 10px;">2</span> <span style="margin: 0 10px;">3</span> <span style="margin: 0 10px;">4</span> <span style="margin: 0 10px;">5</span> <span style="margin: 0 10px;">6</span>	
<b>1</b> ▶ SERIES	<b>ICT</b>
<b>2</b> ▶ SIZE	<b>100</b>
<b>3</b> ▶ TIP STYLE	<b>LF</b>
<b>4</b> ▶ SPRING FORCE	<b>8 oz.</b>
<b>5</b> ▶ PLUNGER PLATING	<b>D DURALLOY™</b>
<b>6</b> ▶ STEEL PLUNGER OPTION	<b>S STEEL</b>

► **S-100 ROTATOR SERIES**

0.100 (2.54) Centers

For R-100 Series Receptacles see pg. 64

BECU TIPS	DIAMETER
 <b>LM</b>	 0.060 (1.52)
 <b>S</b>	 0.040 (1.02)
 <b>T</b>	 0.060 (1.52)



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.100 (2.54)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	4.00 oz (113 g), 5.50 oz (156 g), 6.70 oz (190 g), 8.00 oz (227 g), or 10.00 oz (283 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	1.50 oz (43 g) (4.00 oz spring/stainless steel) 2.00 oz (57 g) (5.50 oz spring/stainless steel) 1.50 oz (43 g) (6.70 oz spring/stainless steel) 2.80 oz (80 g) (8.00 oz spring/music wire) 1.80 oz (51 g) (10.00 oz spring/music wire)
<b>Typical Resistance</b>	< 50 mΩ
<b>Maximum Travel</b>	0.220 (5.59)
<b>Working Travel</b>	0.170 (4.32)
<b>Rotation</b>	90° @ 0.170 (4.32) travel

**MATERIALS**

<b>Barrel</b>	G2
<b>Spring</b>	Music wire, or stainless steel, gold plated
<b>Plunger</b>	Beryllium copper, Duralloy™ plated

**HOW TO ORDER**

**S - 100 - T - 4 - RT**  
 1      2      3      4      5

<b>1</b> ► SERIES	<b>S</b>
<b>2</b> ► SIZE	<b>100</b>
<b>3</b> ► TIP STYLE	<b>LM, S, T</b>
<b>4</b> ► SPRING FORCE	<b>4 oz. 5.5 oz. 6.7 oz.</b> <b>8 oz. 10 oz.</b>
<b>5</b> ► ROTATOR	<b>RT</b>

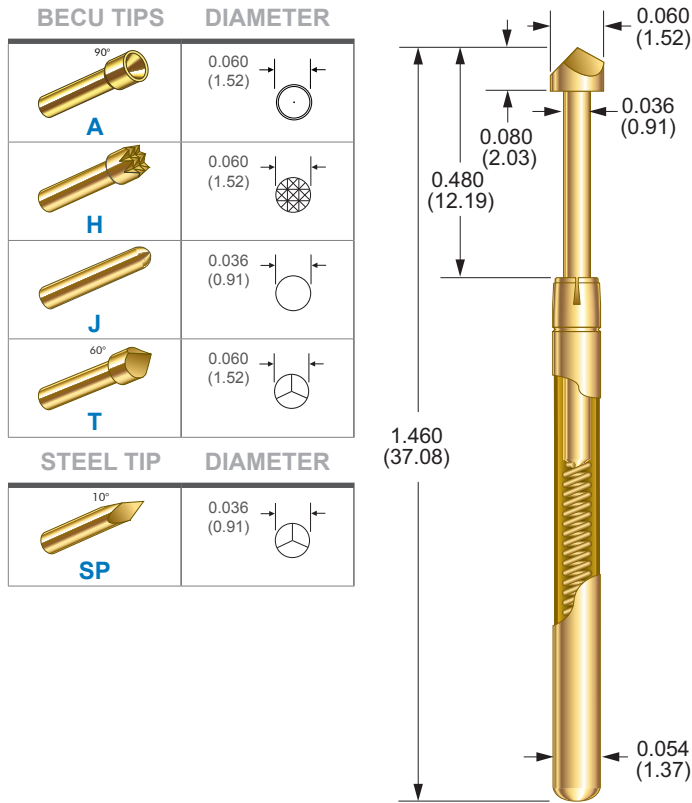


## ► ICT-L100 SERIES

0.100 (2.54) Centers

For R-100/SS Series Receptacles see pg. 61

For R-100 Series Receptacles see pg. 64



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.100 (2.54)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	5.70 oz (162 g) @ 0.317 (8.05) travel
<b>Preload Force</b>	1.80 oz (51 g)
<b>Typical Resistance</b>	< 10 mΩ
<b>Maximum Travel</b>	0.400 (10.16)
<b>Working Travel</b>	0.317 (8.05)

### MATERIALS

<b>Barrel</b>	G2
<b>Spring</b>	Music wire, gold plated over nickel
<b>Plunger</b>	Beryllium copper, or steel, gold plated over nickel

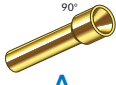
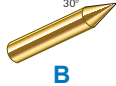







## HOW TO ORDER

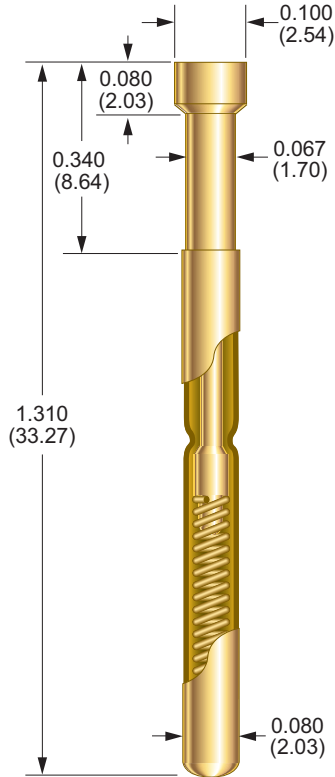
	ICT - L100 - T - 5.7 - G - S
	1 2 3 4 5 6
<b>1</b> ► SERIES	ICT
<b>2</b> ► SIZE	L100
<b>3</b> ► TIP STYLE	A, H, J, SP, T
<b>4</b> ► SPRING FORCE	5.7 oz.
<b>5</b> ► PLUNGER PLATING	G GOLD
<b>6</b> ► STEEL PLUNGER OPTION	S STEEL

► **S-3 SERIES**

0.125 (3.18) Centers

For R-3 Series Receptacles see pg. 66

STEEL TIPS	DIAMETER
 <b>A</b>	0.100 (2.54)
 <b>B</b>	0.067 (1.70)
 <b>C</b>	0.067 (1.70)
 <b>E</b>	0.100 (2.54)
 <b>F</b>	0.100 (2.54)
 <b>G</b>	0.067 (1.70)
 <b>H</b>	0.100 (2.54)
 <b>J</b>	0.067 (1.70)
 <b>K</b>	0.100 (2.54)



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.125 (3.18)
<b>Current Rating</b>	5 A continuous
<b>Spring Force</b>	4.00 oz (113 g) or 7.00 oz (198 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	1.80 oz (51 g) (4.00 oz spring) 2.90 oz (82 g) (7.00 oz spring)
<b>Typical Resistance</b>	< 20 mΩ
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

**MATERIALS**

<b>Barrel</b>	Nickel/silver, gold plated
<b>Spring</b>	Stainless steel, gold plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel, or Duralloy™

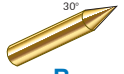





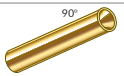



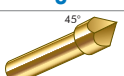

**HOW TO ORDER**

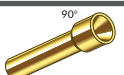

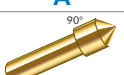





<b>S - 3 - A - 4 - G</b> <small>1    2    3    4    5</small>	
<b>1</b> ► SERIES	<b>S</b>
<b>2</b> ► SIZE	<b>3</b>
<b>3</b> ► TIP STYLE	<b>A, B, C, E, F, G, H, J, K</b>
<b>4</b> ► SPRING FORCE	<b>4 oz.</b> <b>7 oz.</b>
<b>5</b> ► PLUNGER PLATING	<b>G</b> GOLD <b>D</b> DURALLOY™

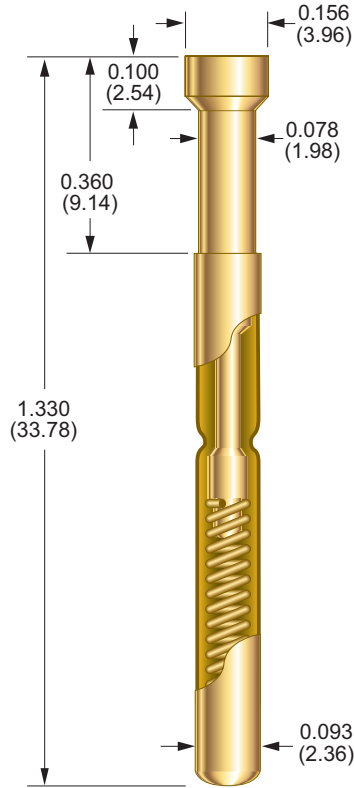
## ► S-4 SERIES

0.156 (3.96) – 0.187 (4.75) Centers

For R-4 Series Receptacles see pg. 67

0.156 PITCH BECU TIPS		DIAMETER	
	0.078 (1.98)		
<b>B</b>			
	0.078 (1.98)		
<b>C</b>			
	0.090 (2.29)		
<b>D</b>			
	0.078 (1.98)		
<b>G</b>			
	0.078 (1.98)		
<b>J</b>			
	0.100 (2.54)		
<b>K</b>			

0.187 PITCH BECU TIPS		DIAMETER	
	0.156 (3.96)		
<b>A</b>			
	0.156 (3.96)		
<b>E</b>			
	0.156 (3.96)		
<b>F</b>			
	0.156 (3.96)		
<b>H</b>			



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.156 (3.96) (tips: B, C, D, G, J, K) or 0.187 (4.75) (tips: A, E, F, H)
<b>Current Rating</b>	5 A continuous
<b>Spring Force</b>	5.00 oz (142 g) or 7.00 oz (198 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	2.00 oz (57 g) (5.00 oz spring) 2.80 oz (79 g) (7.00 oz spring)
<b>Typical Resistance</b>	< 20 mΩ
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

### MATERIALS

<b>Barrel</b>	Nickel/silver, gold plated
<b>Spring</b>	Stainless steel, gold plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel, or Duralloy™

## HOW TO ORDER

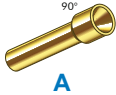

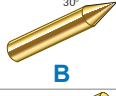







S - 4 - A - 5 - G  
1 2 3 4 5

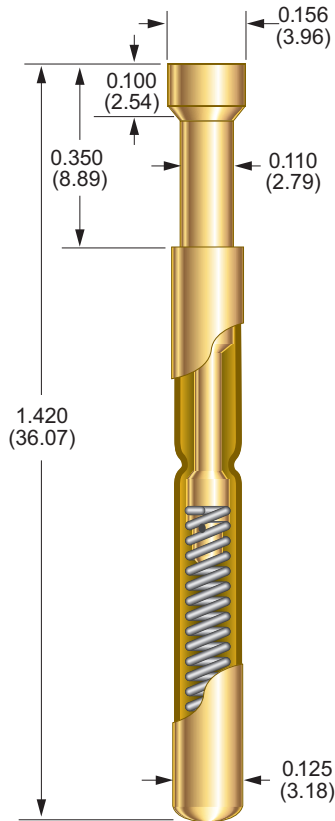
<b>1</b> ► SERIES	S
<b>2</b> ► SIZE	4
<b>3</b> ► TIP STYLE	A, B, C, D, E, F, G, H, J, K
<b>4</b> ► SPRING FORCE	5 oz.      7 oz.
<b>5</b> ► PLUNGER PLATING	G GOLD      D DURALLOY™

► **S-5 SERIES**

0.187 (4.75) – 0.300 (7.62) Centers

For R-5 Series Receptacles see pg. 68

0.187 PITCH BECU TIPS		DIAMETER	
	<b>A</b>	0.156 (3.96)	
	<b>B</b>	0.110 (2.79)	
	<b>F</b>	0.156 (3.96)	
	<b>H</b>	0.156 (3.96)	
0.300 PITCH BECU TIP		DIAMETER	
	<b>HLF</b>	0.250 (6.35)	



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.187 (4.75) (tips: A, B, F, H) or 0.300 (7.62) (tip: HLF)
<b>Current Rating</b>	5 A continuous
<b>Spring Force</b>	8.00 oz (227 g) or 16.40 oz (465 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	3.10 oz (88 g) (8.00 oz spring, stainless steel) 2.80 oz (79 g) (16.40 oz spring, music wire)
<b>Typical Resistance</b>	< 8 mΩ
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

**MATERIALS**


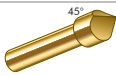
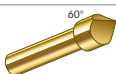
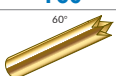
<b>Barrel</b>	Nickel/silver, gold plated
<b>Spring</b>	Music wire, or stainless steel
<b>Plunger</b>	Beryllium copper, gold plated over nickel, or Duralloy™

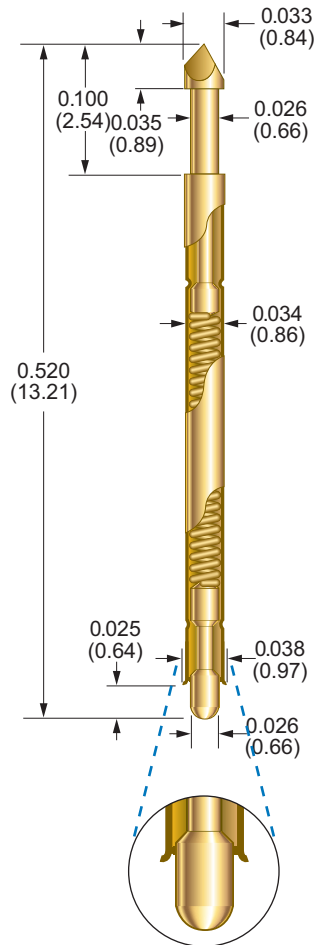
**HOW TO ORDER**

S - 5 - A - 16.4 - G	
1 2 3 4 5	
<b>1</b> ► SERIES	S
<b>2</b> ► SIZE	5
<b>3</b> ► TIP STYLE	A, B, F, H, HLF
<b>4</b> ► SPRING FORCE	8 oz. 16.4 oz.
<b>5</b> ► PLUNGER PLATING	G GOLD D DURALLOY™

## ► DE-50 DOUBLE-ENDED SERIES

0.050 (1.27) Centers

BECU TIPS	DIAMETER
 <b>D</b>	0.033 (0.84)
 <b>T45</b>	0.033 (0.84)
 <b>T60</b>	0.033 (0.84)
 <b>U</b>	0.026 (0.66)



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.050 (1.27)
<b>Drill Size</b>	#64 – 0.035/0.0365 (0.89/0.93)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	2.00 oz (57 g) @ 0.050 (1.27) travel
<b>Typical Resistance</b>	< 50 mΩ
<b>Maximum Travel</b>	0.080 (2.03)
<b>Working Travel</b>	0.050 (1.27)

### MATERIALS

<b>Barrel</b>	Nickel/silver, gold plated
<b>Spring</b>	Music wire, gold plated
<b>Plunger</b>	Beryllium copper, gold plated


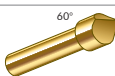
### HOW TO ORDER

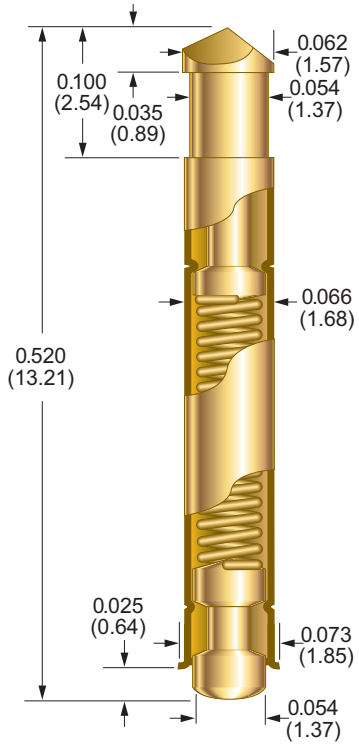
DE - 50 - D - 2 - G	
	1 2 3 4 5
<b>1</b> ► SERIES	DE
<b>2</b> ► SIZE	50
<b>3</b> ► TIP STYLE	D, T45, T60, U
<b>4</b> ► SPRING FORCE	2 oz.
<b>5</b> ► PLUNGER PLATING	G GOLD

1. Bottom plunger travels to “below flush” to the barrel end.  
Dimensions are in inches (mm) | All specifications are subject to change

► **DE-100 DOUBLE-ENDED SERIES**

0.100 (2.54) Centers

BECU TIPS	DIAMETER
 J	0.054 (1.37)
 T	0.062 (1.57)



**PROBE SPECIFICATIONS**

Minimum Centers	0.100 (2.54)
Drill Size	1.75 mm – 0.067/0.069 (1.70/1.75)
Current Rating	3 A continuous
Spring Force	3.00 oz (85 g) @ 0.050 (1.27) travel
Typical Resistance	< 50 mΩ
Maximum Travel	0.080 (2.03)
Working Travel	0.050 (1.27)

**MATERIALS**

Barrel	Nickel/silver, gold plated
Spring	Music wire, gold plated
Plunger	Beryllium copper, gold plated

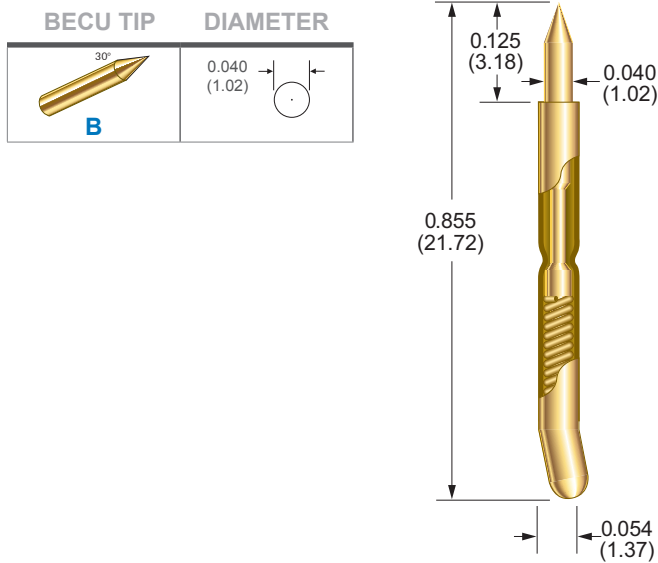
**HOW TO ORDER**

DE - 100 - J - 3 - G	
	1 2 3 4 5
<b>1</b> ► SERIES	DE
<b>2</b> ► SIZE	100
<b>3</b> ► TIP STYLE	J, T
<b>4</b> ► SPRING FORCE	3 oz.
<b>5</b> ► PLUNGER PLATING	G GOLD

1. Bottom plunger travels to “below flush” to the barrel end.  
Dimensions are in inches (mm) | All specifications are subject to change

## ▶ GENRAD INTERFACE SERIES

0.100 (2.54) Centers | 0.855 OAL



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.100 (2.54)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	4.00 oz (113 g) @ 0.083 (2.10) travel
<b>Preload Force</b>	1.30 oz (37 g)
<b>Typical Resistance</b>	< 25 mΩ
<b>Maximum Travel</b>	0.125 (3.18)
<b>Working Travel</b>	0.083 (2.10)

### MATERIALS

<b>Barrel</b>	Nickel/silver, gold plated
<b>Spring</b>	Beryllium copper, precious metal plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel

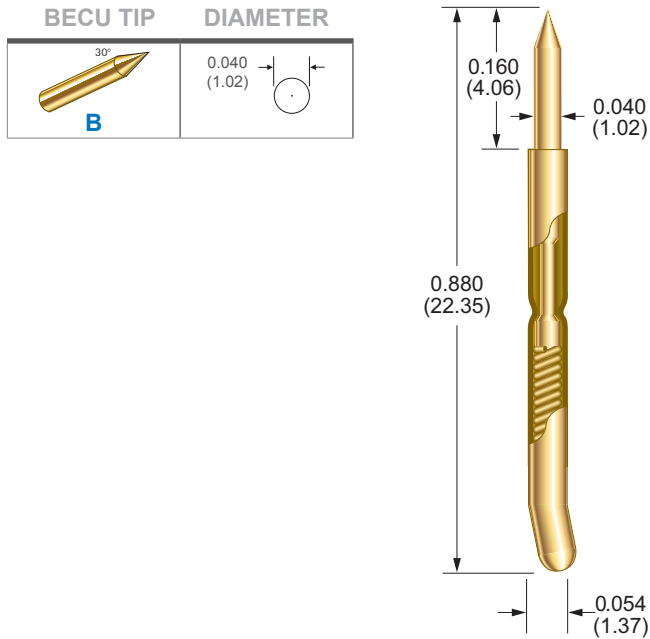
## HOW TO ORDER

<b>SPGR - 2 - B - 4 - G</b> <small>1      2      3      4      5</small>	
<b>1 ▶ SERIES</b>	<b>SGR</b> <sup>(1)</sup> (w/o bend) <b>SPGR</b> <sup>(2)</sup> (w/ bend)
<b>2 ▶ SIZE</b>	<b>2</b>
<b>3 ▶ TIP STYLE</b>	<b>B</b>
<b>4 ▶ SPRING FORCE</b>	<b>4</b> oz.
<b>5 ▶ PLUNGER PLATING</b>	<b>G</b> GOLD

1. For use in GenRad 2270, 2271, 2272, 2282  
 2. For use in GenRad 2283, 2284, 2286, 2287 – models prior to 7/95  
 Dimensions are in inches (mm) | All specifications are subject to change

► **GENRAD INTERFACE SERIES**

0.100 (2.54) Centers | 0.880 OAL



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.100 (2.54)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	3.70 oz (105 g) @ 0.107 (2.72) travel
<b>Preload Force</b>	1.40 oz (40 g)
<b>Typical Resistance</b>	< 25 mΩ
<b>Maximum Travel</b>	0.160 (4.06)
<b>Working Travel</b>	0.107 (2.72)

**MATERIALS**

<b>Barrel</b>	Nickel/silver, gold plated
<b>Spring</b>	Beryllium copper, precious metal plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel

**HOW TO ORDER**

<b>SPGR - 2 - B - 3.7 - G - 880</b> <small>1      2      3      4      5      6</small>	
<b>1</b> ► SERIES	<b>SGR</b> <sup>(1)</sup> (w/o bend) <b>SPGR</b> <sup>(2)</sup> (w/ bend)
<b>2</b> ► SIZE	<b>2</b>
<b>3</b> ► TIP STYLE	<b>B</b>
<b>4</b> ► SPRING FORCE	<b>3.7</b> oz.
<b>5</b> ► PLUNGER PLATING	<b>G</b> GOLD
<b>6</b> ► OAL	<b>880</b> 0.880 IN.

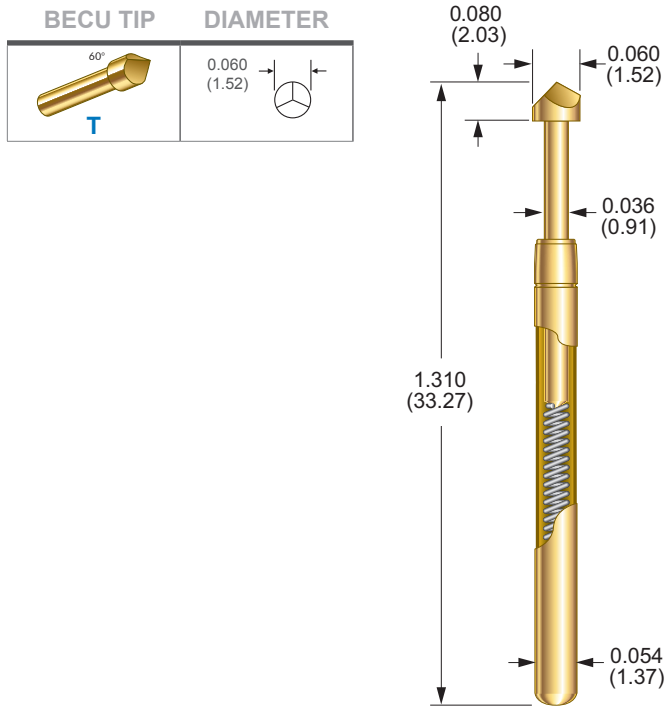
1. For use in GenRad 2280, 2281, 2281A, 2287A, 228X ICA

2. For use in GenRad 2283, 2284, 2286, 2287, LX228 – models prior to 7/95  
 Dimensions are in inches (mm) | All specifications are subject to change



## ▶ TERADYNE INTERFACE SERIES

0.100 (2.54) Centers



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.100 (2.54)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	3.50 oz (99 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	1.50 oz (43 g)
<b>Typical Resistance</b>	< 25 mΩ
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

### MATERIALS

<b>Barrel</b>	G2
<b>Spring</b>	Beryllium copper, precious metal plated
<b>Plunger</b>	Beryllium copper, gold plated over nickel

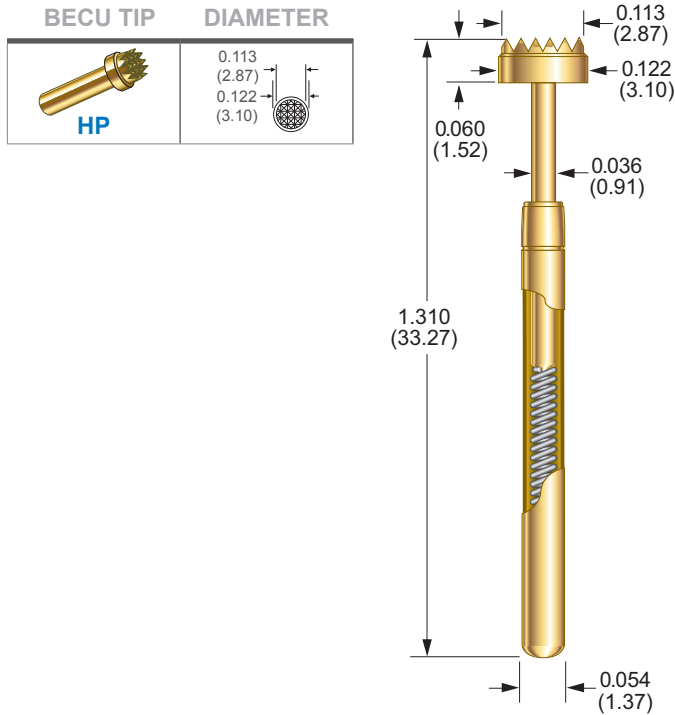
## HOW TO ORDER

<b>S - 100 - T - 3.5 - G</b> <small>1      2      3      4      5</small>	
<b>1</b> ▶ SERIES	<b>S</b> <sup>(1)</sup>
<b>2</b> ▶ SIZE	<b>100</b>
<b>3</b> ▶ TIP STYLE	<b>T</b>
<b>4</b> ▶ SPRING FORCE	<b>3.5</b> oz.
<b>5</b> ▶ PLUNGER PLATING	<b>G</b> GOLD

1. For use in 1800, Series 7878  
 Dimensions are in inches (mm) | All specifications are subject to change

► **AGILENT INTERFACE SERIES**

0.150 (3.81) Centers



**PROBE SPECIFICATIONS**

Minimum Centers	0.150 (3.81)
Current Rating	3 A continuous
Spring Force	3.50 oz (99 g) @ 0.170 (4.32) travel
Preload Force	1.50 oz (43 g)
Typical Resistance	< 25 mΩ
Maximum Travel	0.250 (6.35)
Working Travel	0.170 (4.32)

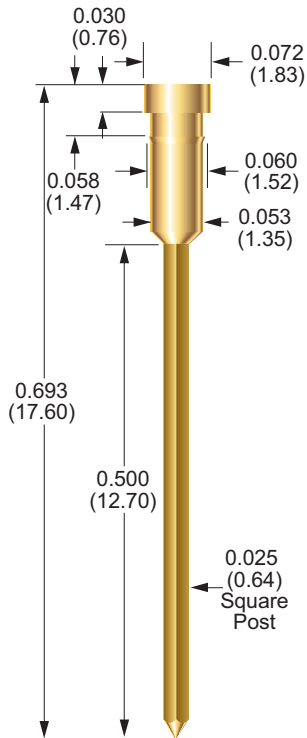
**MATERIALS**

Barrel	G2
Spring	Beryllium copper, precious metal plated
Plunger	Beryllium copper, gold plated over nickel

**HOW TO ORDER**

<b>S - 100 - HP - 3.5 - G</b> <small>1      2      3      4      5</small>	
<b>1</b> ► SERIES	<b>S</b> <sup>(1)</sup>
<b>2</b> ► SIZE	<b>100</b>
<b>3</b> ► TIP STYLE	<b>HP</b>
<b>4</b> ► SPRING FORCE	<b>3.5</b> oz.
<b>5</b> ► PLUNGER PLATING	<b>G</b> GOLD

## ▶ PI-410 INTERFACE PIN



### PROBE SPECIFICATIONS

Drill Size	1.45 mm
Mounting Hole	0.057 (1.45)

### MATERIALS

Pin	Brass
Plunger	Gold over nickel

## HOW TO ORDER

PI - 410  
1 2

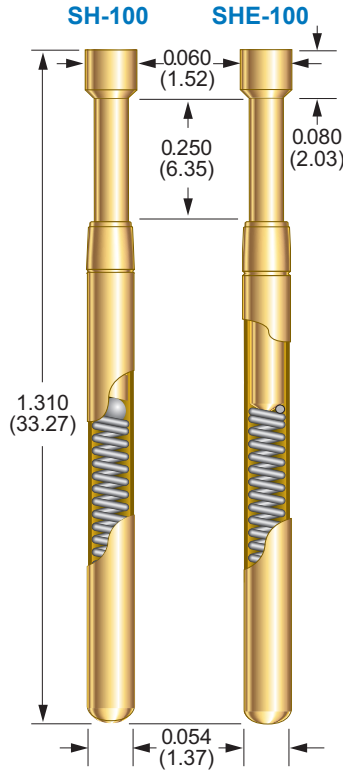
► **SH-100 & SHE-100 SERIES**

0.100 (2.54) Centers

For RH-100 Series Receptacles see pg. 69

SHE-100 BECU TIPS	DIAMETER
<b>A</b>	0.060 (1.52)
<b>B</b>	0.036 (0.91)
<b>H</b>	0.060 (1.52)
<b>K</b>	0.060 (1.52)

SH-100 BECU TIPS	DIAMETER
<b>A</b>	0.060 (1.52)
<b>F</b>	0.060 (1.52)
<b>H</b>	0.060 (1.52)
<b>J</b>	0.036 (0.91)



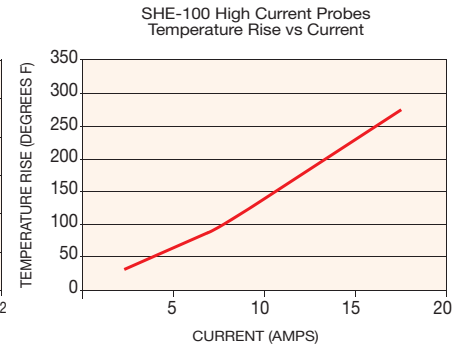
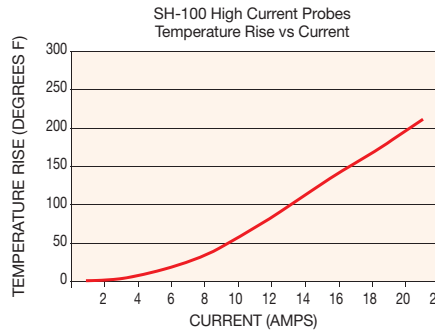
**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.100 (2.54)
<b>Current Rating</b>	SHE-100: 8 A continuous SH-100: 15 A continuous <i>(individual probe in free air @ ambient temperature)</i>
<b>Spring Force</b>	4.00 oz (113 g) <sup>(1)</sup> or 6.70 oz (190 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	1.60 oz (45 g) (4.00 oz spring) <sup>(1)</sup> 2.40 oz (68 g) (6.70 oz spring)
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

**MATERIALS**

<b>Barrel</b>	High performance copper alloy, gold plated
<b>Spring</b>	Stainless steel
<b>Plunger</b>	Beryllium copper, gold plated
<b>Ball<sup>(1)</sup></b>	Stainless steel

**0.100 CENTER HIGH CURRENT PROBES CURRENT RATINGS<sup>(2)</sup>**



**HOW TO ORDER**

	SHE - 100 - A - 6.7 - G				
	1	2	3	4	5
<b>1</b> ► SERIES	SH		SHE		
<b>2</b> ► SIZE		100			
<b>3</b> ► TIP STYLE	A, B, F, H, J, K				
<b>4</b> ► SPRING FORCE	4 oz. <sup>(1)</sup>		6.7 oz.		
<b>5</b> ► PLUNGER PLATING	G GOLD				

1. For SH-100 Series only

2. Smiths Connectors' current ratings are defined as the maximum current at which the temperature rise of the probe does not exceed 144°F (80°C) for a single probe in free air at ambient temperature for one hour. Dimensions are in inches (mm) | All specifications are subject to change

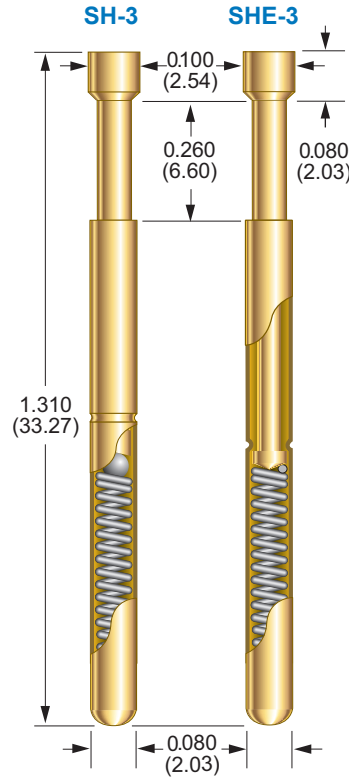
## ► SH-3 & SHE-3 SERIES

0.125 (3.18) Centers

For RH-3 Series Receptacles see pg. 70

SHE-3 BECU TIPS	DIAMETER
<b>A</b>	0.100 (2.54)
<b>B</b>	0.067 (1.70)
<b>H</b>	0.100 (2.54)
<b>K</b>	0.100 (2.54)

SH-3 BECU TIPS	DIAMETER
<b>A</b>	0.100 (2.54)
<b>F</b>	0.100 (2.54)
<b>H</b>	0.100 (2.54)
<b>J</b>	0.067 (1.70)



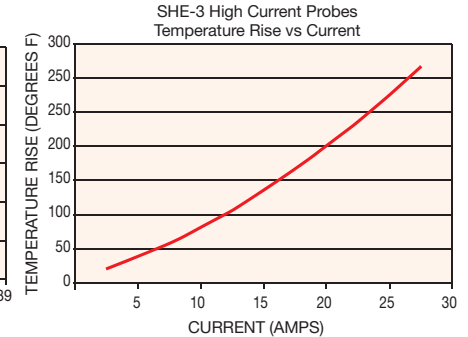
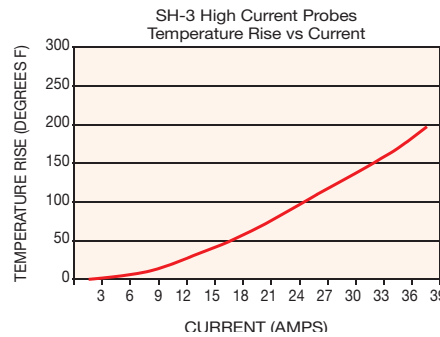
### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.125 (3.18)
<b>Current Rating</b>	SHE-3: 14 A continuous SH-3: 27 A continuous <i>(individual probe in free air @ ambient temperature)</i>
<b>Spring Force</b>	7.00 oz (199 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	2.90 oz (82 g)
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

### MATERIALS

<b>Barrel</b>	High performance copper alloy, gold plated
<b>Spring</b>	Stainless steel
<b>Plunger</b>	Beryllium copper, gold plated
<b>Ball<sup>(1)</sup></b>	Stainless steel

### 0.125 CENTER HIGH CURRENT PROBES CURRENT RATINGS<sup>(2)</sup>



## HOW TO ORDER

**SHE - 3 - A - 7 - G**  
1 2 3 4 5

<b>1</b> ► SERIES	SH SHE
<b>2</b> ► SIZE	3
<b>3</b> ► TIP STYLE	A, B, F, H, J, K
<b>4</b> ► SPRING FORCE	7 oz.
<b>5</b> ► PLUNGER PLATING	G GOLD

1. For SH-3 Series only

2. Smiths Connectors' current ratings are defined as the maximum current at which the temperature rise of the probe does not exceed 144°F (80°C) for a single probe in free air at ambient temperature for one hour.

Dimensions are in inches (mm) | All specifications are subject to change

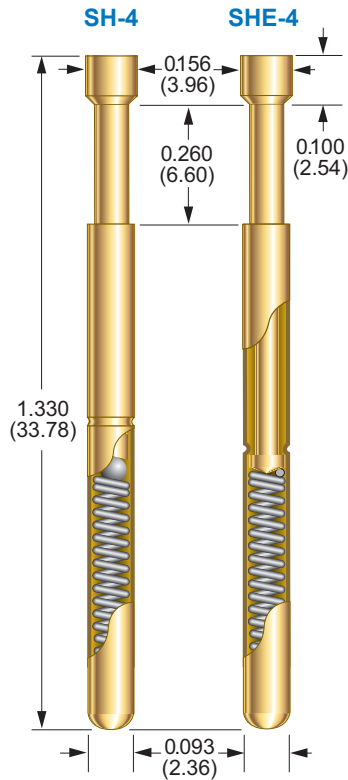
► **SH-4 & SHE-4 SERIES**

0.156 (3.96) – 0.187 (4.75) Centers

For RH-4 Series Receptacles see pg. 71

SHE-4 BECU TIPS	DIAMETER
<b>A</b>	0.156 (3.96)
<b>B</b>	0.078 (1.98)
<b>H</b>	0.156 (3.96)
<b>K</b>	0.100 (2.54)

SH-4 BECU TIPS	DIAMETER
<b>A</b>	0.156 (3.96)
<b>F</b>	0.156 (3.96)
<b>H</b>	0.156 (3.96)



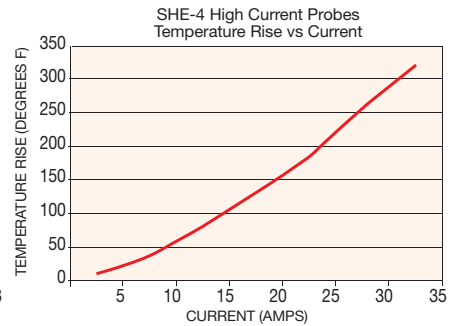
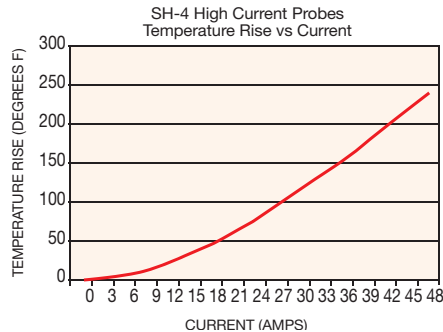
**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.156 (3.96) (tips: B, K) 0.187 (4.75) (tips: A, F, H)
<b>Current Rating</b>	SHE-4: 21 A continuous SH-4: 32 A continuous <i>(individual probe in free air @ ambient temperature)</i>
<b>Spring Force</b>	10.00 oz (283 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	4.00 oz (115 g)
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

**MATERIALS**

<b>Barrel</b>	High performance copper alloy, gold plated
<b>Spring</b>	Stainless steel
<b>Plunger</b>	Beryllium copper, gold plated
<b>Ball<sup>(1)</sup></b>	Stainless steel

**0.156 & 0.187 CENTER HIGH CURRENT PROBES  
CURRENT RATINGS<sup>(2)</sup>**



**HOW TO ORDER**

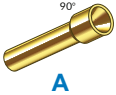
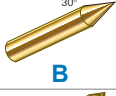

SHE - 4 - A - 10 - G	
	1 2 3 4 5
<b>1</b> ► SERIES	SH SHE
<b>2</b> ► SIZE	4
<b>3</b> ► TIP STYLE	A, B, F, H, K
<b>4</b> ► SPRING FORCE	10 oz.
<b>5</b> ► PLUNGER PLATING	G GOLD

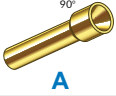
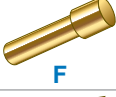


1. For SH-4 Series only  
2. Smiths Connectors' current ratings are defined as the maximum current at which the temperature rise of the probe does not exceed 144°F (80°C) for a single probe in free air at ambient temperature for one hour.  
Dimensions are in inches (mm) | All specifications are subject to change

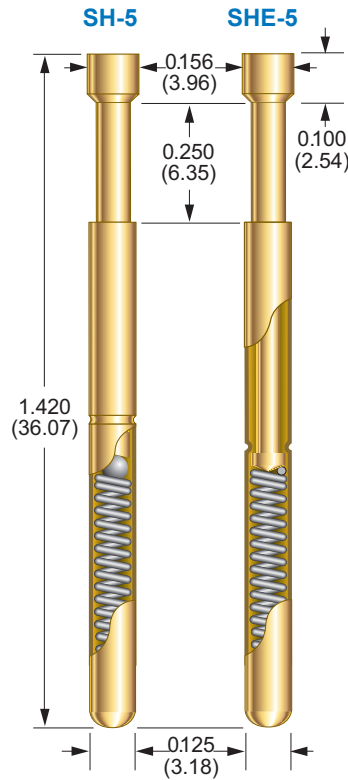
## ► SH-5 & SHE-5 SERIES

0.187 (4.75) Centers

For RH-5 Series Receptacles see pg. 72

SHE-5 BECU TIPS	DIAMETER
 <b>A</b>	0.156 (3.96)
 <b>B</b>	0.110 (2.79)
 <b>H</b>	0.156 (3.96)

SH-5 BECU TIPS	DIAMETER
 <b>A</b>	0.156 (3.96)
 <b>F</b>	0.156 (3.96)
 <b>H</b>	0.156 (3.96)
 <b>J</b>	0.110 (2.79)



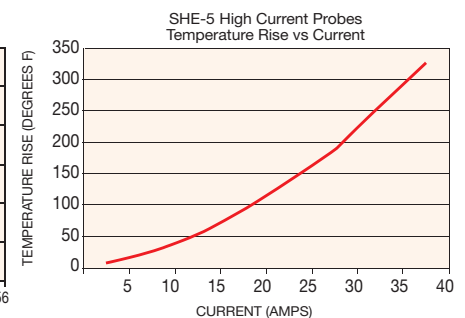
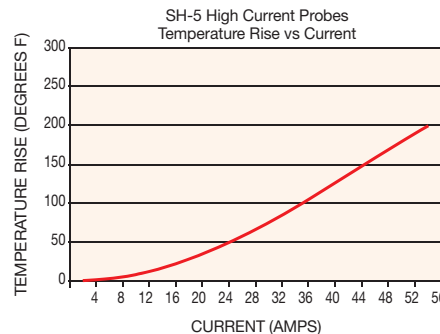
### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.187 (4.75)
<b>Current Rating</b>	SHE-5: 23 A continuous SH-5: 39 A continuous <i>(individual probe in free air @ ambient temperature)</i>
<b>Spring Force</b>	18.70 oz (531 g) @ 0.170 (4.32) travel
<b>Preload Force</b>	7.20 oz (204 g)
<b>Maximum Travel</b>	0.250 (6.35)
<b>Working Travel</b>	0.170 (4.32)

### MATERIALS

<b>Barrel</b>	High performance copper alloy, gold plated
<b>Spring</b>	Stainless steel
<b>Plunger</b>	Beryllium copper, gold plated
<b>Ball<sup>(1)</sup></b>	Stainless steel

### 0.187 CENTER HIGH CURRENT PROBES CURRENT RATINGS<sup>(2)</sup>



## HOW TO ORDER

**SHE - 5 - A - 7 - G**  
1 2 3 4 5

<b>1</b> ► SERIES	SH SHE
<b>2</b> ► SIZE	5
<b>3</b> ► TIP STYLE	A, B, F, H, J
<b>4</b> ► SPRING FORCE	18.7 oz.
<b>5</b> ► PLUNGER PLATING	G GOLD

1. For SH-5 Series only

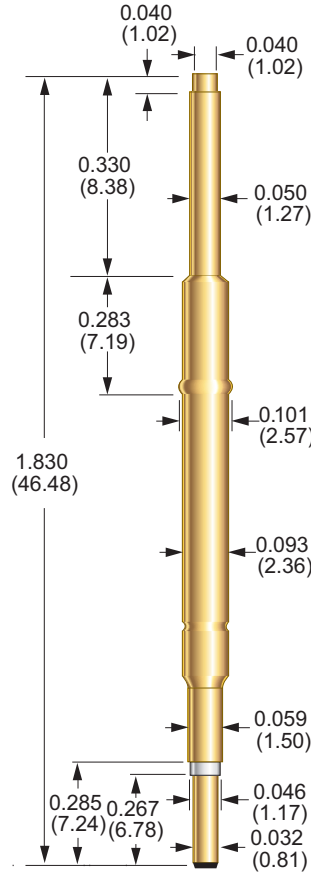
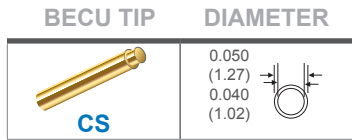
2. Smiths Connectors' current ratings are defined as the maximum current at which the temperature rise of the probe does not exceed 144°F (80°C) for a single probe in free air at ambient temperature for one hour.

Dimensions are in inches (mm) | All specifications are subject to change

► **SIZE 3 SWITCH PROBE SERIES**

0.125 (3.18) Centers

Does not require a receptacle. The barrel of the switch probe is designed to mount directly in the mounting plate



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.125 (3.18)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	4.00 oz (114 g) @ 0.197 (5.00) travel
<b>Preload Force</b>	1.40 oz (40 g)
<b>Maximum Travel</b>	0.295 (7.49)
<b>Working Travel</b>	0.197 (5.00)
<b>Travel to Switch Point</b>	0.025 (0.64)
<b>Spring Force at Switch Point</b>	1.80 oz. (51 g)

**MATERIALS**

<b>Barrel</b>	Nickel/silver, gold plated
<b>Spring</b>	Music wire
<b>Plungers</b>	Full-hard beryllium copper, gold plated
<b>Insulator</b>	Delrin
<b>Contact</b>	Beryllium copper, gold plated

**MOUNTING**

<b>Drill Size</b>	#41
<b>Mounting Hole Size</b>	0.094/0.096 (2.39/2.44)

**HOW TO ORDER**

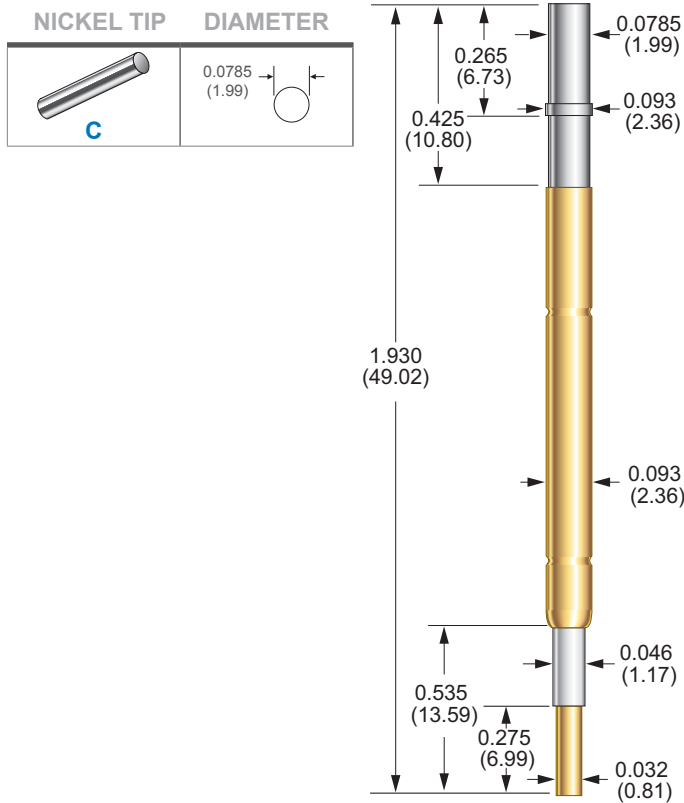
<b>SW - 3 - CS - 1.8 - G</b> <small>1      2      3      4      5</small>	
<b>1</b> ► SERIES	<b>SW</b>
<b>2</b> ► SIZE	<b>3</b>
<b>3</b> ► TIP STYLE	<b>CS</b>
<b>4</b> ► SPRING FORCE AT SWITCH	<b>1.8</b> oz.
<b>5</b> ► PLUNGER PLATING	<b>G</b> GOLD



## ► SIZE 4 SWITCH PROBE SERIES

0.156 (3.96) Centers

For R-4-CR Series Receptacles see pg. 73



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.156 (3.96)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	4.80 oz (136 g) @ 0.120 (3.05) travel
<b>Preload Force</b>	2.50 oz (71 g)
<b>Maximum Travel</b>	0.160 (4.06)
<b>Working Travel</b>	0.120 (3.05)
<b>Travel to Switch Point</b>	0.107 (2.72)
<b>Spring Force at Switch Point</b>	4.40 oz. (125 g)

### MATERIALS

<b>Barrel</b>	Nickel/silver, gold plated
<b>Spring</b>	Stainless steel
<b>Plunger</b>	Beryllium copper, nickel plated
<b>Insulator</b>	Delrin
<b>Contact</b>	Beryllium copper, gold plated

## HOW TO ORDER

SW - 4 - C - 4.4 - EN

1    2    3    4    5

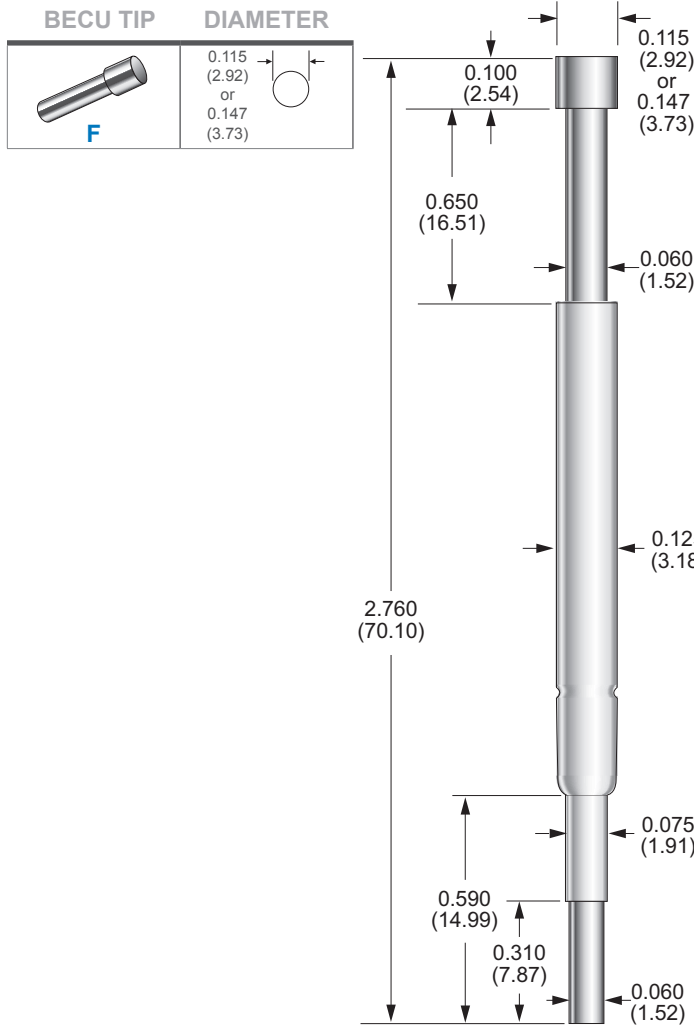
<b>1</b> ► SERIES	SW
<b>2</b> ► SIZE	4
<b>3</b> ► TIP STYLE	C
<b>4</b> ► SPRING FORCE AT SWITCH	4.4 oz.
<b>5</b> ► PLUNGER PLATING	EN NICKEL

1. The size 3 switch probe shown does not require a receptacle. The barrel of the switch probe is designed to mount directly in the mounting plate.  
Dimensions are in inches (mm) | All specifications are subject to change

► **SIZE 5 SWITCH PROBE SERIES**

0.187 (4.75) Centers

For R-5-SW Series Receptacles see pg. 74



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.187 (4.75)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	8.60 oz (244 g) or 20.40 oz (579 g) @ 0.137 (3.48) travel
<b>Preload Force</b>	1.80 oz (51 g) (8.60 oz spring/stainless steel) 5.20 oz (148 g) (20.40 oz spring/music wire)
<b>Maximum Travel</b>	0.190 (4.83)
<b>Working Travel</b>	0.137 (3.48)
<b>Travel to Switch Point</b>	0.030 (0.76)
<b>Spring Force at Switch Point</b>	4.00 oz. (113 g) (8.60 oz spring/stainless steel) or 10.30 oz. (293 g) (20.40 oz spring/music wire)

**MATERIALS**

<b>Barrel</b>	Nickel/silver, silver plated
<b>Spring</b>	Music wire or stainless steel
<b>Plunger</b>	Beryllium copper, nickel plated
<b>Insulator</b>	Delrin
<b>Contact</b>	Beryllium copper, nickel plated

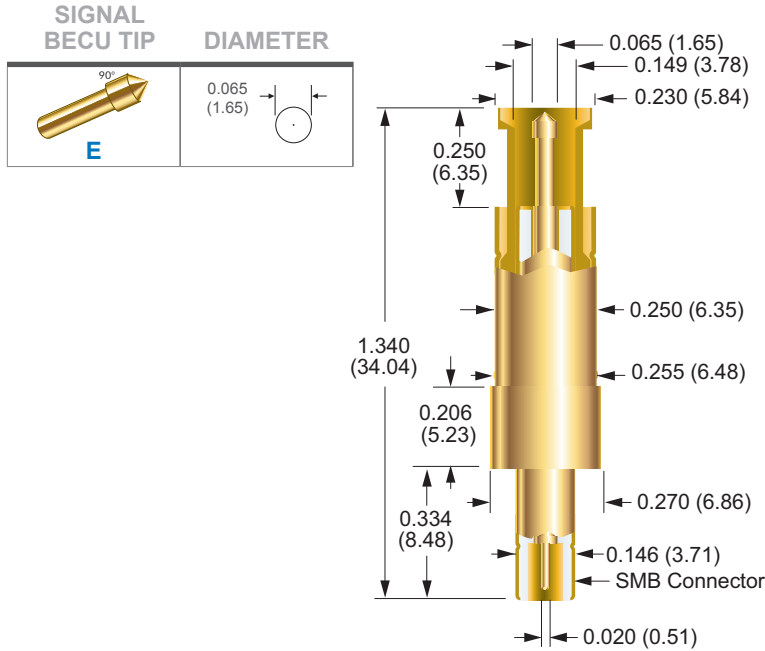
**HOW TO ORDER**

<b>SW - 5 - F - 4 - EN - 115</b>	
1      2      3      4      5      6	
<b>1</b> ► SERIES	SW
<b>2</b> ► SIZE	5
<b>3</b> ► TIP STYLE	F
<b>4</b> ► SPRING FORCE AT SWITCH	4 oz.      10.3 oz.
<b>5</b> ► PLUNGER PLATING	EN NICKEL
<b>6</b> ► HEAD DIAMETER	115 0.115 IN.    147 0.147 IN.



► **100563 COAX SERIES**

0.300 (7.62) Centers | SMB Connector



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.300 (7.62)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	Signal Conductor: 2.30 oz (65 g) @ 0.107 (2.72) travel Shielding Plunger: 5.80 oz (164 g) @ 0.107 (2.72) travel
<b>Nominal Impedance</b>	50 Ω
<b>Maximum Travel</b>	0.170 (4.32)
<b>Working Travel</b>	0.107 (2.72)

**MATERIALS**

<b>Barrel Spring</b>	Brass, gold plated Signal Conductor: Beryllium copper, gold plated Shielding Plunger: Stainless steel, gold plated
<b>Shielding Plunger</b>	Brass, gold plated
<b>Dielectric Insulator</b>	Teflon
<b>Shielding Tube</b>	Stainless steel, gold plated
<b>Signal Conductor</b>	100954

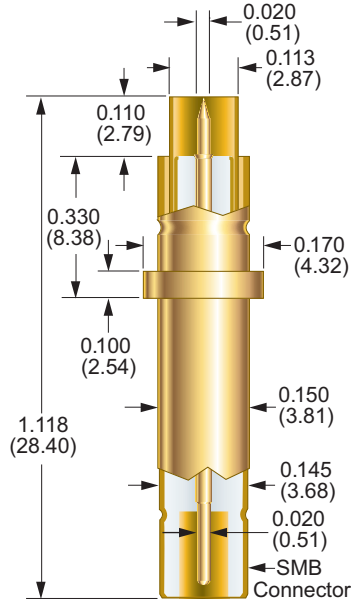
**HOW TO ORDER**

<b>100563 - E</b>	
1                      2	
<b>1</b> ► <b>BASE PART NUMBER</b>	<b>100563</b>
<b>2</b> ► <b>SIGNAL TIP STYLE</b>	<b>E</b>

## ▶ 100559 & 100910 COAX SERIES

0.300 (7.62) Centers | SMB Connector

SIGNAL BECU TIPS		DIAMETER	
	<b>B</b>	0.020 (0.51)	
	<b>ES</b>	0.046 (1.17)	
SHIELDING BECU TIPS		DIAMETER	
	<b>N</b>	0.113 (2.87)	
	<b>S</b>	0.113 (2.87)	



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.300 (7.62)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	Signal Conductor: 1.60 oz (45 g) @ 0.070 (1.78) travel ( <i>tip B</i> ) 2.00 oz (57 g) @ 0.070 (1.78) travel ( <i>tip ES</i> ) Shielding Plunger: 4.30 oz (122 g) @ 0.070 (1.78) travel
<b>Nominal Impedance</b>	50 Ω
<b>Maximum Travel</b>	0.090 (2.29) ( <i>tip B</i> ) 0.075 (1.91) ( <i>tip ES</i> )
<b>Working Travel</b>	0.070 (1.78)

### MATERIALS

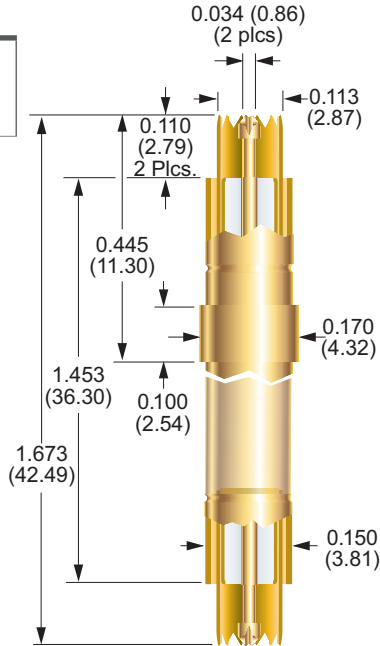
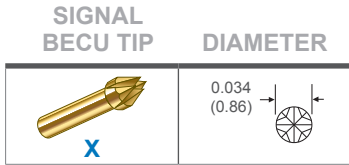
<b>Barrel</b>	Brass, gold plated
<b>Spring</b>	Signal Conductor: Beryllium copper, gold plated Shielding Plunger: Stainless steel, gold plated
<b>Shielding Plunger</b>	Beryllium copper, gold plated
<b>Dielectric Insulator</b>	Teflon
<b>Shielding Tube</b>	Brass, gold plated
<b>Signal Conductor</b>	Series S, Size 00

## HOW TO ORDER

	<b>100559 - B - S</b>	
	<b>1</b>	<b>2 3</b>
<b>1</b> ▶ BASE PART NUMBER	<b>100559</b> ( <i>w/out flange</i> )	<b>100910</b> ( <i>w/ flange</i> )
<b>2</b> ▶ SIGNAL TIP STYLE	<b>B, ES</b>	
<b>3</b> ▶ SHIELDING PLUNGER	<b>S</b> SERRATED	<b>N</b> FLAT

► **101097 COAX SERIES**

0.200 (5.08) Centers | Double-Ended & Attached Cable



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.200 (5.08)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	Signal Conductor: 1.60 oz (45 g) @ 0.037 (0.94) travel, each end Shielding Plunger: 3.40 oz (96 g) @ 0.037 (0.94) travel, each end
<b>Nominal Impedance</b>	50 Ω
<b>Maximum Travel</b>	0.075 (1.91) each end
<b>Working Travel</b>	0.037 (0.94) each end

**MATERIALS**

<b>Barrel</b>	Brass, gold plated
<b>Spring</b>	Stainless steel, gold plated
<b>Shielding Plunger</b>	Beryllium copper, gold plated
<b>Dielectric Insulator</b>	Teflon
<b>Shielding Tube</b>	Brass, gold plated
<b>Signal Conductor</b>	100617-000 probe

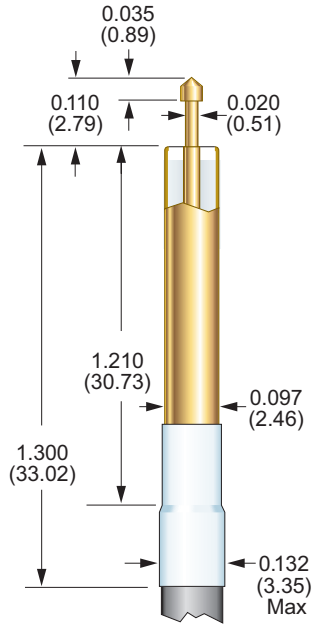
**HOW TO ORDER**

<b>101097 - X - X</b>	
1                      2                      3	
<b>1</b> ► BASE PART NUMBER	<b>101097</b>
<b>2</b> ► TOP SIGNAL TIP STYLE	<b>X</b>
<b>3</b> ► BOTTOM SIGNAL TIP STYLE	<b>X</b>

## ▶ 100526 COAX SERIES

0.150 (3.18) Centers | Double-Ended & Attached Cable

SIGNAL BECU TIPS	DIAMETER
<b>B</b>	0.020 (0.51)
<b>ES</b>	0.046 (1.17)
<b>H</b>	0.035 (0.89)
<b>J</b>	0.020 (0.51)
<b>U</b>	0.020 (0.51)



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.150 (3.18)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	Signal Conductor: 1.60 oz (45 g) @ 0.070 (1.78) travel ( <i>tips B, J, U</i> ) 2.00 oz (57 g) @ 0.070 (1.78) travel ( <i>tips ES, H</i> )
<b>Nominal Impedance</b>	50 Ω
<b>Maximum Travel</b>	0.090 (2.29) ( <i>tips B, J, U</i> ) 0.075 (1.91) ( <i>tips ES, H</i> )
<b>Working Travel</b>	0.070 (1.78)

### MATERIALS

<b>Spring</b>	Beryllium copper, gold plated
<b>Dielectric Insulator</b>	Teflon
<b>Shielding Tube</b>	Brass, gold plated
<b>Signal Conductor</b>	Series S, Size 00 probe
<b>Coaxial Cable</b>	RG 316

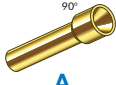
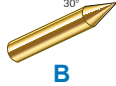


## HOW TO ORDER

100526 - ES - 12 - AM	
	1      2      3      4
<b>1</b> ▶ BASE PART NUMBER	100526
<b>2</b> ▶ SIGNAL TIP STYLE	B, ES, H, J, U
<b>3</b> ▶ CABLE LENGTH	12 IN.      36 IN.
<b>4</b> ▶ TERMINATION	NC NO CONNECTOR    AM SMA MALE AF SMA FEMALE

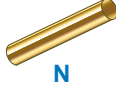

\*When ordering with a preattached connector, please note that the connector will not fit through the probe mounting hole. The probe must be inserted from the bottom side of the mounting plate.  
Dimensions are in inches (mm) | All specifications are subject to change

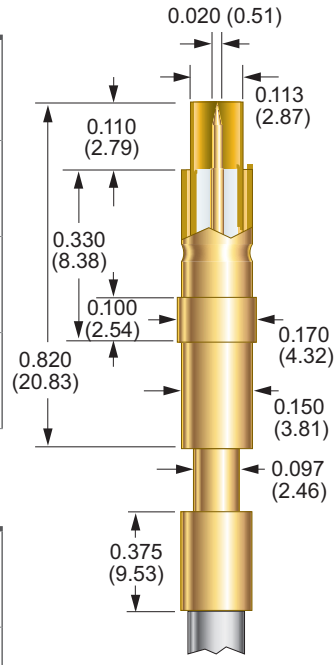
► **100445 & 100746 COAX SERIES**

0.200 (5.08) Centers | Attached Cable

SIGNAL PLUNGER BECU TIPS	DIAMETER
 <b>A</b>	0.035 (0.89)
 <b>B</b>	0.020 (0.51)
 <b>ES</b>	0.046 (1.17)
 <b>H</b>	0.035 (0.89)

SHIELDING PLUNGER BECU TIPS	DIAMETER
 <b>N</b>	0.113 (2.87)
 <b>S</b>	0.113 (2.87)



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.200 (5.08)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	Signal Conductor: 1.60 oz (45 g) @ 0.070 (1.78) travel ( <i>tip B</i> ) 2.00 oz (57 g) @ 0.070 (1.78) travel ( <i>tips A, ES, H</i> ) Shielding Plunger: 4.30 oz (122 g) @ 0.070 (1.78) travel
<b>Nominal Impedance</b>	50 Ω
<b>Maximum Travel</b>	0.090 (2.29) ( <i>tip B</i> ) 0.075 (1.91) ( <i>tips A, ES, H</i> )
<b>Working Travel</b>	0.070 (1.78)

**MATERIALS**

<b>Barrel</b>	Brass, gold plated
<b>Spring</b>	Signal Conductor: Beryllium copper, gold plated Shielding Plunger: Stainless steel, gold plated
<b>Shielding Plunger</b>	Beryllium copper, gold plated
<b>Dielectric Insulator</b>	Teflon
<b>Shielding Tube</b>	Stainless steel, gold plated
<b>Signal Conductor</b>	Series S, Size 00 probe
<b>Crimp Ferrule</b>	Brass, gold plated
<b>Coaxial Cable</b>	100445: RG 174U 100746: RG 316

**HOW TO ORDER**

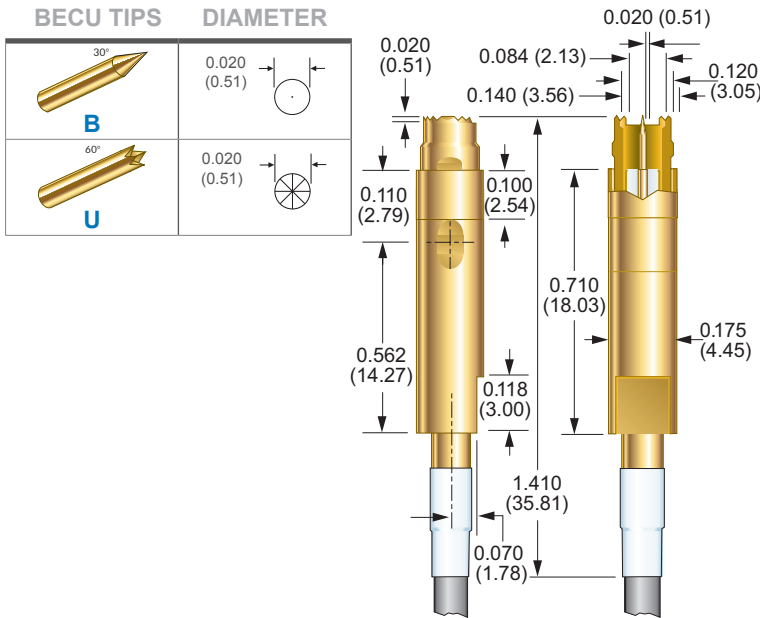
100445 - B - N - F - 12 - AM	
	1 2 3 4 5 6
<b>1</b> ► BASE PART NUMBER	100445 100746
<b>2</b> ► SIGNAL TIP STYLES	A, B, ES, H
<b>3</b> ► MOUNTING FLANGE	N WITHOUT FLANGE F WITH FLANGE
<b>4</b> ► SHIELDING PLUNGER	S SERRATED N FLAT
<b>5</b> ► CABLE LENGTH	12 IN. 36 IN.
<b>6</b> ► TERMINATION	AM SMA MALE AF SMA FEMALE NC NO CONNECTOR

\*When ordering with a preattached connector, please note that the connector will not fit through the probe mounting hole. The probe must be inserted from the bottom side of the mounting plate. Dimensions are in inches (mm) | All specifications are subject to change



## ▶ 100999 COAX SERIES

0.200 (5.08) Centers | Attached Cable



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.200 (5.08)
<b>Current Rating</b>	3 A continuous
<b>Spring Force</b>	Signal Conductor: 1.60 oz (45 g) @ 0.070 (1.78) travel ( <i>tip B</i> ) 3.30 oz (93 g) @ 0.070 (1.78) travel ( <i>tip U</i> ) Shielded Plunger: 4.50 oz (127 g) @ 0.070 (1.78) travel
<b>Nominal Impedance</b>	50 Ω
<b>Maximum Travel</b>	0.090 (2.29)
<b>Working Travel</b>	0.070 (1.78)

### MATERIALS

<b>Barrel</b>	Brass, gold plated
<b>Spring</b>	Signal Conductor: Beryllium copper, gold plated Shielding Plunger: Stainless steel, gold plated
<b>Shielding Plunger</b>	Beryllium copper, gold plated
<b>Dielectric Insulator</b>	Teflon
<b>Shielding Tube</b>	Brass, gold plated
<b>Signal Conductor</b>	Series S, Size 00 probe
<b>Coaxial Cable</b>	Semi-flex or flex cable

## HOW TO ORDER

<b>100999 - ES - 12 - AM - F</b>	
<span style="margin: 0 10px;">1</span> <span style="margin: 0 10px;">2</span> <span style="margin: 0 10px;">3</span> <span style="margin: 0 10px;">4</span> <span style="margin: 0 10px;">5</span>	
<b>1</b> ▶ BASE PART NUMBER	<b>100999</b>
<b>2</b> ▶ SIGNAL TIP STYLE	<b>B, U</b>
<b>3</b> ▶ CABLE LENGTH	<b>12</b> IN. <b>36</b> IN.
<b>4</b> ▶ TERMINATION	<b>AM</b> SMA MALE <b>AF</b> SMA FEMALE <b>NC</b> NO CONNECTOR
<b>5</b> ▶ CABLE TYPE	<b>F</b> FLEX <b>S</b> SEMI-FLEX

\*When ordering with a preattached connector, please note that the connector will not fit through the probe mounting hole. The probe must be inserted from the bottom side of the mounting plate.  
Dimensions are in inches (mm) | All specifications are subject to change

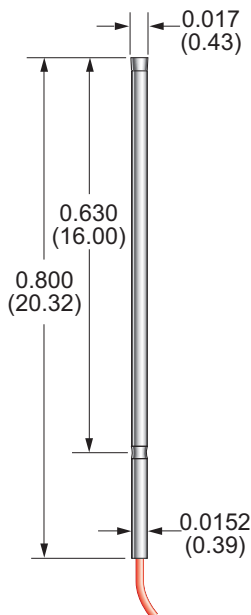
# RECEPTACLES

## Dimensions & Specifications

### ► QUAD-00 SERIES

0.020 (0.51) Centers

For Quad-00 Series Probes see pg. 3

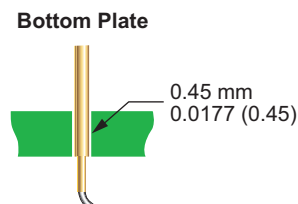
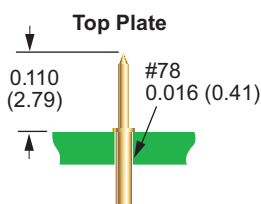
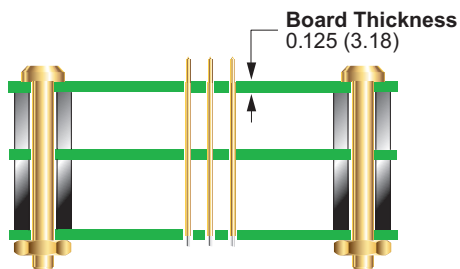


#### PROBE SPECIFICATIONS

Minimum Centers	0.020 (0.51)
Drill Size	#78
Mounting Hole Size	0.016 (0.41)
Recommended Wire	30 gage
Materials	Nickel/silver, gold lined inside

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH
QUAD-00-REC	Preattached Wire <sup>(1)</sup>	0.800 (20.32)	0.910 (23.11)

#### FIXTURING OPTIONS



#### HOW TO ORDER

<b>QUAD - 00REC - 36 - 1</b>	
<span style="margin-right: 100px;">1</span> <span>2</span>	
<b>1</b> ► SERIES	<b>QUAD - 00REC</b>
<b>2</b> ► WIRE <sup>(1)</sup>	<b>0 - 0</b> NO WIRE
	<b>12 - 1</b> WIRE LENGTH 12 IN., 1 IN. STRIP LENGTH
	<b>36 - 1</b> WIRE LENGTH 36 IN., 1 IN. STRIP LENGTH

1. Wire length 36" with a 1" strip length, 12" & 36" standard, blue solid conductor Kynar wire  
Dimensions are in inches (mm) | All specifications are subject to change

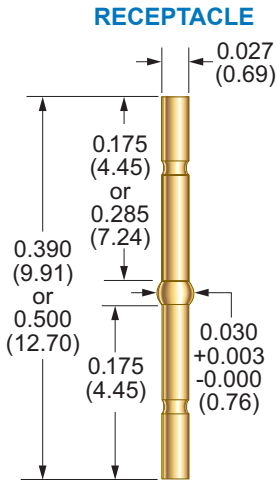




## ► R-00 SERIES

0.039 (1.00) Centers

For S-00 Series Probes see pg. 6  
For SS-40 Series Probes see pg. 7



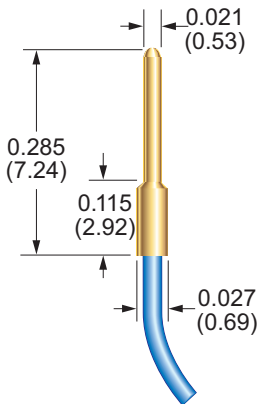
### PROBE SPECIFICATIONS

Minimum Centers	0.039 (1.00)
Drill Size	0.75 mm
Mounting Hole Size	0.028/0.0295 (0.71/0.75)
Recommended Wire	30 gage
Receptacle Materials	Nickel/silver, gold plated
Plug-In Terminal Materials	Beryllium copper, preplated gold

### TOOLS

Crimping Pliers	CP-00-390 (for 30 gage solid conductor) CP-00-500 (for 30 gage solid conductor)
Insertion Tool	RT-00

### FP-PLUG



PART NUMBER	STYLE	RECEPTACLE OR TERMINAL LENGTH	PROBE/RECEPTACLE COMBINED LENGTH		PROBE/RECEPTACLE/TERMINAL COMBINED LENGTH	
			S-00	SS-40	S-00	SS-40
<b>R-00-W-390</b>	Receptacle	0.390 (9.91)	0.915 (23.24)	0.875 (22.23)	1.030 (26.16)	0.990 (25.15)
<b>R-00-W-500</b>	Receptacle	0.500 (12.70)	1.025 (26.04)	0.985 (25.02)	1.140 (28.96)	1.100 (27.94)
<b>FP-Plug</b>	Plug-In Terminal <sup>(1)</sup>	0.285 (7.24)	—	—	—	—

## HOW TO ORDER RECEPTACLE

<b>R - 00 - W - 390</b>	
1	2
<b>1</b> ► SERIES	<b>R</b>
<b>2</b> ► SIZE	<b>00</b>
<b>3</b> ► TERMINATION	<b>W</b> RECEPTACLE
<b>4</b> ► LENGTH	<b>390</b> 0.390 IN. <b>500</b> 0.500 IN.

## HOW TO ORDER TERMINAL

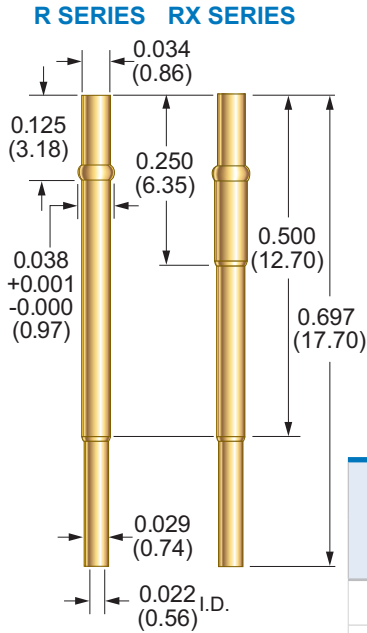
<b>FP - PLUG - 36 - 1</b>	
1	2
<b>1</b> ► SERIES	<b>FP - PLUG</b>
<b>2</b> ► WIRE <sup>(1)(2)</sup>	<b>0 - 0</b> NO WIRE
	<b>12 - 1</b> WIRE LENGTH 12 IN., 1 IN. STRIP LENGTH
	<b>36 - 1</b> WIRE LENGTH 36 IN., 1 IN. STRIP LENGTH

1. Wire length 36" with a 1" strip length, 12" & 36" standard, blue solid conductor Kynar wire  
2. To order without preattached wire, leave wire length and strip length off of the end of the part number  
Dimensions are in inches (mm) | All specifications are subject to change

► **R-0 SERIES**

0.050 (1.27) Centers

For S-0 Series Probes see pg. 8  
For SS-50 Series Probes see pg. 9



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.050 (1.27)
<b>Drill Size</b>	#64
<b>Mounting Hole Size</b>	0.035/0.0365 (0.89/0.93)
<b>Recommended Wire</b>	28-30 gage
<b>Materials</b>	Nickel/silver, gold plated, gold plated post

**TOOLS**

<b>Crimping Pliers</b>	CP-0 (for 28-30 gage solid conductor)
<b>Insertion Tool</b>	RT-0

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH		NOTES
			S-0	SS-50	
<b>R-0-CR</b>	Crimp	0.697 (17.70)	0.857 (21.77)	0.807 (20.50)	—
<b>R-0-SC</b>	Solder Cup	0.697 (17.70)	0.857 (21.77)	0.807 (20.50)	—
<b>R-0-WW-016</b>	Wire Wrap	0.947 (24.05)	1.107 (28.12)	1.057 (26.85)	0.250 post length – 0.016 sq.
<b>R-0-WW-025</b>	Wire Wrap	0.997 (25.32)	1.157 (29.39)	1.107 (28.12)	0.300 post length – 0.025 sq.
<b>R-0-PW-12-1</b>	Preattached Wire <sup>(2)</sup>	0.697 (17.70)	0.857 (21.77)	0.807 (20.50)	12" wire length, 1" strip length
<b>R-0-PW-36-1</b>	Preattached Wire <sup>(2)</sup>	0.697 (17.70)	0.857 (21.77)	0.807 (20.50)	36" wire length, 1" strip length

**HOW TO ORDER**

<b>R - 0 - CR</b>	
1    2    3	
<b>1</b> ▶ SERIES	<b>R</b> <span style="float: right;"><b>RX</b><sup>(1)</sup></span>
<b>2</b> ▶ SIZE	<b>0</b>
<b>3</b> ▶ TERMINATION	<b>CR</b> CRIMP <span style="float: right;"><b>SC</b> SOLDER CUP</span>
	<b>WW - 016</b> WIRE WRAP 0.016 SQ. <span style="float: right;"><b>WW - 025</b> WIRE WRAP 0.025 SQ.</span>
	<b>PW - 12 - 1</b> PREATTACHED WIRE 12 IN., 1 IN. STRIP LENGTH <sup>(2)</sup>
	<b>PW - 36 - 1</b> PREATTACHED WIRE 36 IN., 1 IN. STRIP LENGTH <sup>(2)</sup>

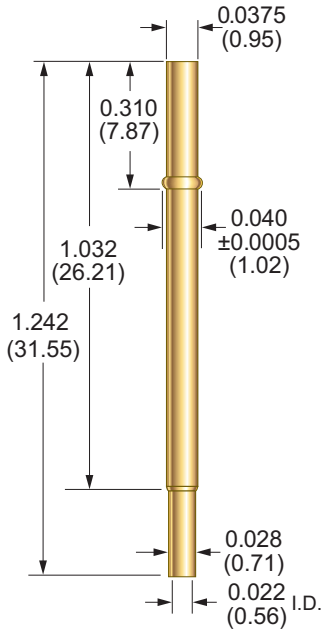
1. Improved pointing accuracy

2. Wire length 36" with a 1" strip length, 12" & 36" standard, blue solid conductor Kynar wire. Available in R-0 type receptacles only

## ▶ R-50C SERIES

0.050 (1.27) Centers

For ICT-50C/S-50C Series Probes see pg. 10  
For S-50C Rotator Series Probes see pg. 11



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.050 (1.27)
<b>Drill Size</b>	#61
<b>Mounting Hole Size</b>	0.0385/0.0390 (0.98/0.99)
<b>Recommended Wire</b>	28-30 gage
<b>Materials</b>	Beryllium copper, preplated gold, gold plated post

### TOOLS

<b>Crimping Pliers</b>	CP-50C (for 28-30 gage solid conductor)
<b>Insertion Tool</b>	RT-50

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH	NOTES
<b>R-50C-CR</b>	Crimp	1.242 (31.54)	1.572 (39.92)	—
<b>R-50C-SC</b>	Solder Cup	1.242 (31.54)	1.572 (39.92)	—
<b>R-50C-WW-016</b>	Wire Wrap	1.492 (37.89)	1.822 (46.27)	0.250 post length – 0.016 sq.
<b>R-50C-WW-025</b>	Wire Wrap	1.542 (39.16)	1.872 (47.55)	0.300 post length – 0.025 sq.
<b>R-50C-PW-12-1</b>	Preattached Wire <sup>(1)</sup>	1.242 (31.54)	1.572 (39.92)	12" wire length, 1" strip length
<b>R-50C-PW-36-1</b>	Preattached Wire <sup>(1)</sup>	1.242 (31.54)	1.572 (39.92)	36" wire length, 1" strip length

## HOW TO ORDER

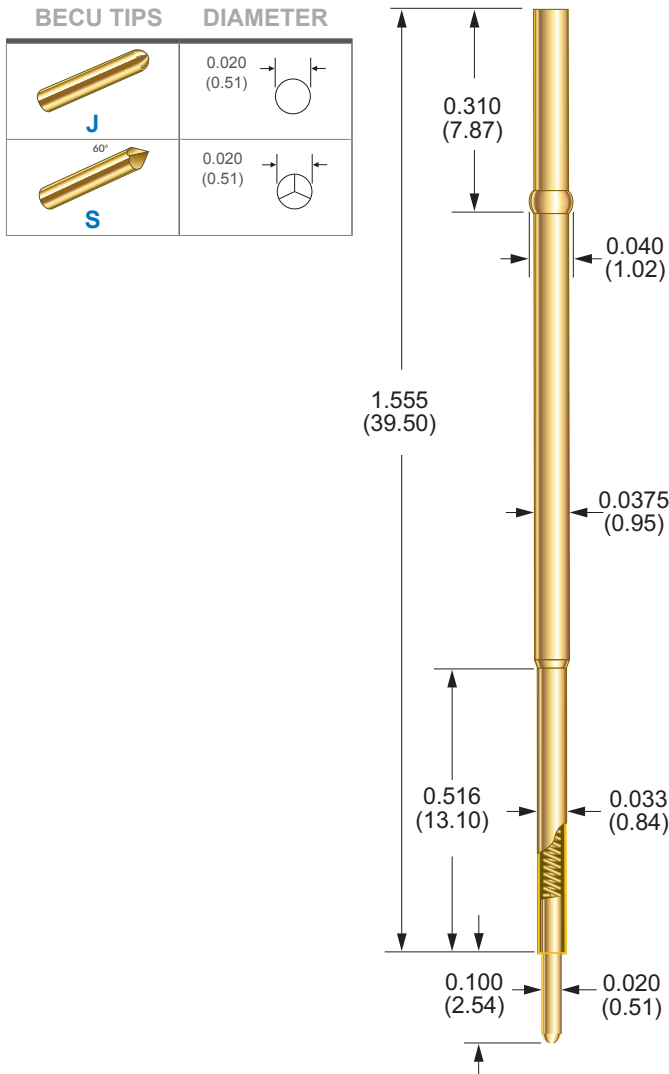
<b>R - 50C - CR</b>	
1      2      3	
<b>1</b> ▶ SERIES	<b>R</b>
<b>2</b> ▶ SIZE	<b>50C</b>
<b>3</b> ▶ TERMINATION	<b>CR</b> CRIMP <b>SC</b> SOLDER CUP
	<b>WW - 016</b> WIRE WRAP 0.016 SQ. <b>WW - 025</b> WIRE WRAP 0.025 SQ.
	<b>PW - 12 - 1</b> PREATTACHED WIRE 12 IN., 1 IN. STRIP LENGTH <sup>(1)</sup>
	<b>PW - 36 - 1</b> PREATTACHED WIRE 36 IN., 1 IN. STRIP LENGTH <sup>(1)</sup>

1. Wire length 36" with a 1" strip length, 12" & 36" standard, blue solid conductor Kynar wire  
Dimensions are in inches (mm) | All specifications are subject to change

► **R-50C-J-DE SERIES**

0.050 (1.27) Centers | Wireless Receptacle

For ICT-50C/S-50C Series Probes see pg. 10



**PROBE SPECIFICATIONS**

Minimum Centers	0.050 (1.27)
Drill Size	#61
Mounting Hole Size	0.0385/0.0390 (0.98/0.99)
Spring Force	2.70 oz (77 g) @ 0.069 (1.75) travel
Maximum Travel	0.100 (2.54)
Working Travel	0.070 (1.77)

**MATERIALS**

Receptacle	Beryllium copper, gold plated
Spring	Music wire, gold plated
Plunger	Beryllium copper, gold plated over nickel

**TOOLS**

Insertion Tool	RT-50
----------------	-------

**HOW TO ORDER**

R - 50C - J - DE	
	1      2      3      4
<b>1</b> ► SERIES	R
<b>2</b> ► SIZE	50C
<b>3</b> ► TIP STYLE	J, S
<b>4</b> ► TERMINATION	DE DOUBLE-ENDED

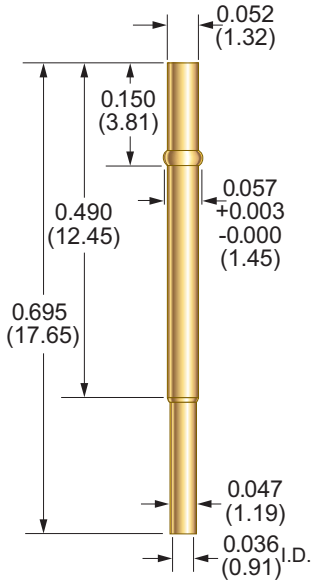




► **R-1 SERIES**

0.075 (1.91) Centers

For S-1 Series Probes see pg. 13  
For SS-75 Series Probes see pg. 14



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.075 (1.91)
<b>Drill Size</b>	1.45 mm
<b>Mounting Hole Size</b>	0.055/0.057 (1.40/1.45)
<b>Recommended Wire</b>	24-28 gage
<b>Materials</b>	Nickel/silver, gold plated, gold plated post

**TOOLS**

<b>Crimping Pliers</b>	CP-1 (for 24-28 gage solid conductor)
<b>Insertion Tool</b>	RT-1

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH		NOTES
			S-1	SS-75	
<b>R-1-CR</b>	Crimp	0.695 (17.65)	0.875 (22.23)	0.825 (20.96)	—
<b>R-1-SC</b>	Solder Cup	0.695 (17.65)	0.875 (22.23)	0.825 (20.96)	—
<b>R-1-RP</b>	Round Post	1.070 (27.18)	1.250 (31.75)	1.200 (30.48)	0.375 post length – 0.025 dia.
<b>R-1-WW-429</b>	Wire Wrap	1.124 (28.55)	1.304 (33.12)	1.254 (31.85)	0.429 post length – 0.025 dia.

**HOW TO ORDER**

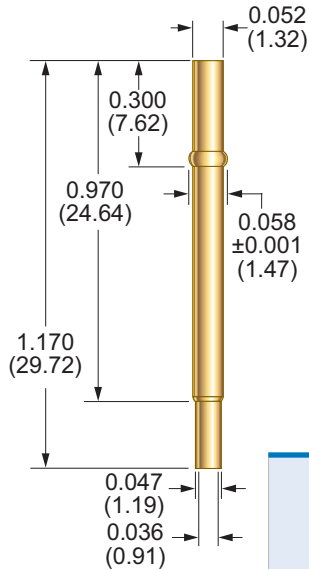
<b>R - 1 - WW - 429</b>	
1      2      3	
<b>1</b> ► SERIES	<b>R</b>
<b>2</b> ► SIZE	<b>1</b>
<b>3</b> ► TERMINATION	<b>CR</b> CRIMP <b>SC</b> SOLDER CUP
	<b>RP</b> ROUND POST <b>WW - 429</b> WIRE WRAP 0.429 POST LENGTH

1. Wire length 36" with a 1" strip length, 12" & 36" standard, blue solid conductor Kynar wire  
Dimensions are in inches (mm) | All specifications are subject to change

## ► R-075 SERIES

0.075 (1.91) Centers

For ICT-075/S-075 Series Probes see pg. 15  
 For ICT-075 Lead Free Series Probes see pg. 16  
 For S-075 Rotator Series Probes see pg. 17  
 For ICT-L075 Series Probes see pg. 18



### PROBE SPECIFICATIONS

Minimum Centers	0.075 (1.91)
Drill Size	1.45 mm
Mounting Hole Size	0.055/0.057 (1.40/1.45)
Recommended Wire	24-28 gage
Materials	Nickel/silver, gold plated, gold plated post

### TOOLS

Crimping Pliers	CP-1 (for 24-28 gage solid conductor)
Insertion Tool	RT-1

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH		NOTES
			ICT-075/S-075	ICT-L075	
<b>R-075-CR</b>	Crimp	1.170 (29.72)	1.500 (38.10)	1.650 (41.91)	—
<b>R-075-SC</b>	Solder Cup	1.170 (29.72)	1.500 (38.10)	1.650 (41.91)	—
<b>R-075-RP</b>	Round Post	1.545 (39.24)	1.875 (47.63)	2.025 (51.44)	0.375 post length – 0.025 dia.
<b>R-075-WW-429</b>	Wire Wrap	1.599 (40.61)	1.929 (49.00)	2.079 (52.81)	0.429 post length – 0.025 dia.

## HOW TO ORDER

**R - 075 - WW - 429**

**1      2      3**


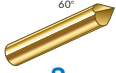
<b>1</b> ► SERIES	<b>R</b>
<b>2</b> ► SIZE	<b>075</b>
<b>3</b> ► TERMINATION	<b>CR</b> CRIMP <b>SC</b> SOLDER CUP
	<b>RP</b> ROUND POST <b>WW - 429</b> WIRE WRAP 0.429 POST LENGTH

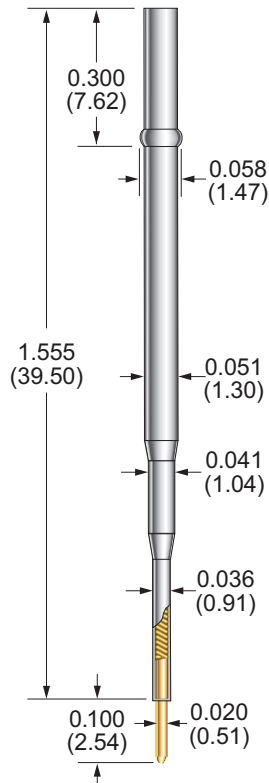
1. Wire length 36" with a 1" strip length, 12" & 36" standard, blue solid conductor Kynar wire  
 Dimensions are in inches (mm) | All specifications are subject to change

► **R-075-J-DE SERIES**

0.075 (1.91) Centers | Wireless Receptacle

For ICT-075/S-075 Series Probes see pg. 15  
 For ICT-075 Lead Free Series Probes see pg. 16  
 For ICT-L075 Series Probes see pg.18

BECU TIPS	DIAMETER
 <b>J</b>	0.020 (0.51)
 <b>S</b>	0.020 (0.51)



**PROBE SPECIFICATIONS**

Minimum Centers	0.075 (1.91)
Drill Size	1.45 mm
Mounting Hole	0.055/0.057 (1.40/1.45)
Spring Force	2.70 oz (77 g) @ 0.070 (1.77) travel
Maximum Travel	0.100 (2.54)
Working Travel	0.070 (1.77)

**MATERIALS**

Receptacle	Nickel/silver, gold lined inside
Spring	Music wire, gold plated
Plunger	Beryllium copper, gold plated over nickel

**TOOLS**

Insertion Tool	RT-1
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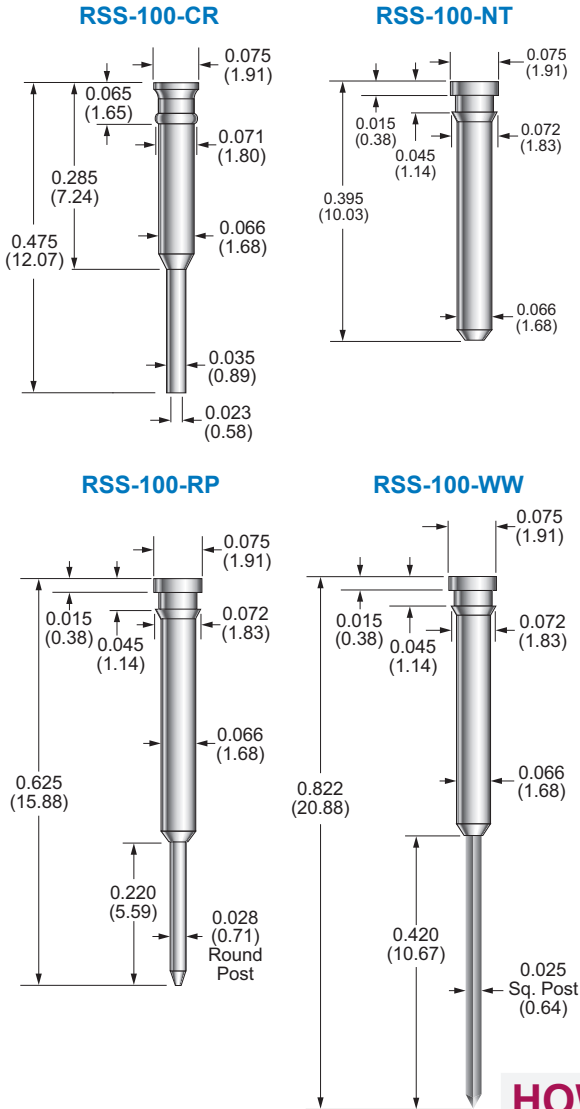
**HOW TO ORDER**

R - 075 - J - DE	
	1      2      3      4
<b>1</b> ► SERIES	R
<b>2</b> ► SIZE	075
<b>3</b> ► TIP STYLE	J, S
<b>4</b> ► TERMINATION	DE DOUBLE-ENDED

## ► RSS-100 SERIES

0.100 (2.54) Centers

For SS/GSS Series Probes see pg. 19



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.100 (2.54)
<b>Drill Size</b>	#50
<b>Mounting Hole Size</b>	0.068/0.070 (1.73/1.78)
<b>Recommended Wire</b>	28-30 gage
<b>Materials</b>	Nickel/silver

### TOOLS

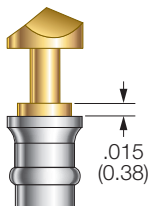
<b>Crimping Pliers</b>	CP-SS-100 (for 28-30 gage solid conductor)
<b>Insertion Tool</b>	RT-SS-100

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH	NOTES
<b>RSS-100-CR</b>	Crimp	0.475 (12.07)	0.550 (13.97) <sup>(1)</sup>	—
<b>RSS-100-NT</b>	No Tail	0.402 (10.21)	0.462 (11.73) <sup>(1)</sup>	—
<b>RSS-100-RP</b>	Round Post	0.625 (15.88)	0.685 (17.40) <sup>(1)</sup>	0.220 post length – 0.028 dia.
<b>RSS-100-WW</b>	Wire Wrap	0.822 (20.88)	0.882 (22.40) <sup>(1)</sup>	0.420 post length – 0.025 dia.
<b>RSS-100-PW-12-1</b>	Preattached Wire <sup>(2)</sup>	0.475 (12.07)	0.550 (13.97) <sup>(1)</sup>	12" wire length, 1" strip length
<b>RSS-100-PW-36-1</b>	Preattached Wire <sup>(2)</sup>	0.475 (12.07)	0.550 (13.97) <sup>(1)</sup>	36" wire length, 1" strip length

TIP	HEAD LENGTH	TIP	HEAD LENGTH
<b>1</b>	0.040 (1.02)	<b>10</b>	0.028 (0.71)
<b>2</b>	0.028 (0.71)	<b>11</b>	0.040 (1.02)
<b>3</b>	0.028 (0.71)	<b>18</b>	0.060 (1.52)
<b>4</b>	0.040 (1.02)	<b>19</b>	0.055 (1.40)
<b>5</b>	0.080 (2.03)		

### PROBE EXTENSION

See chart for head length



## HOW TO ORDER

	<b>RSS - 100 - WW - G</b>
	<b>1 2 3 4</b>
<b>1</b> ► SERIES	<b>RSS</b>
<b>2</b> ► SIZE	<b>100</b>
<b>3</b> ► TERMINATION	<b>CR</b> CRIMP <b>NT</b> NO TAIL
	<b>RP</b> ROUND POST <b>WW</b> WIRE WRAP
	<b>PW - 12 - 1</b> PREATTACHED WIRE 12 IN., 1 IN. STRIP LENGTH <sup>(1)</sup>
	<b>PW - 36 - 1</b> PREATTACHED WIRE 36 IN., 1 IN. STRIP LENGTH <sup>(1)</sup>
<b>4</b> ► PLATING OPTION	<b>G</b> GOLD

1. Plus head length per tip style – see chart  
 2. Wire length 36" with a 1" strip length, 12" & 36" standard, blue solid conductor Kynar wire  
 Dimensions are in inches (mm) | All specifications are subject to change

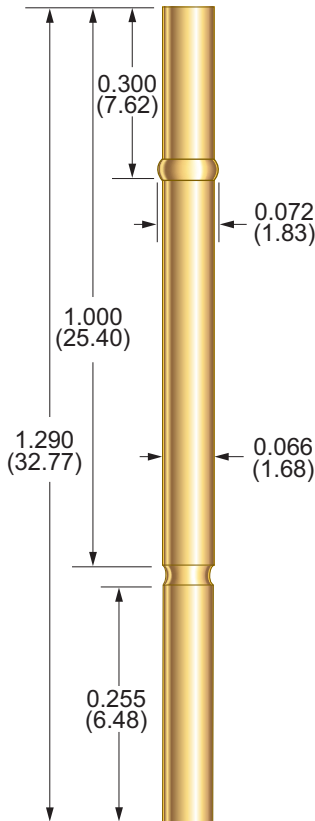
► **R-100/SS SERIES**

0.100 (2.54) Centers

For ICT-L100 Series Probes see pg. 18 (for top end of receptacle)

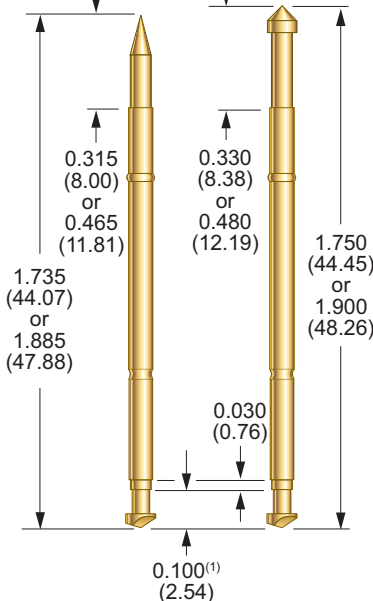
For SS/GSS Series Probes see pg. 19 (for bottom end of receptacle)

For ICT-100/S-100 Series Probes see pg. 21 (for top end of receptacle)



**HEADLESS PLUNGER**

**HEADED PLUNGER**



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.100 (2.54)
<b>Drill Size</b>	#50
<b>Mounting Hole Size</b>	0.068/0.070 (1.73/1.78)
<b>Materials</b>	Nickel/silver, gold plated

**TOOLS**

<b>Insertion Tool</b>	RT-100
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**HOW TO ORDER**

<b>R - 100 / SS</b>	
<b>1</b>	
<b>1</b> ► <b>SERIES</b>	<b>R - 100 / SS</b>

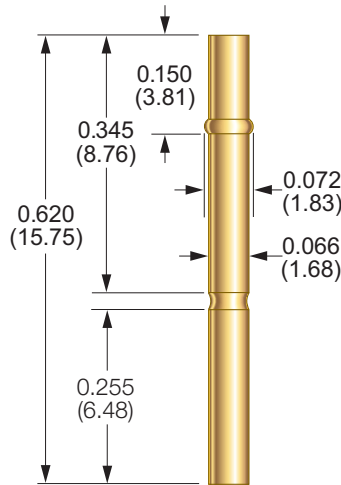
1. For plunger with 0.040 (1.02) tip length  
2. Headed plunger only this end

Dimensions are in inches (mm) | All specifications are subject to change

## ► R-SS/SS SERIES

0.100 (2.54) Centers

For SS/GSS Series Probes see pg. 19  
(Receptacle houses an SS-100 or GSS-100 on each end)



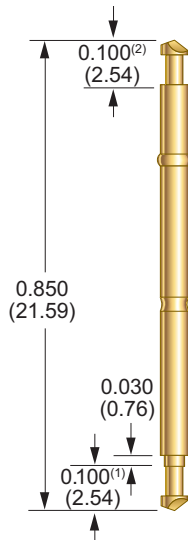
### PROBE SPECIFICATIONS

Minimum Centers	0.100 (2.54)
Drill Size	#50
Mounting Hole Size	0.068/0.070 (1.73/1.78)
Materials	Nickel/silver, gold plated

### TOOLS

Insertion Tool	RT-100
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### HEADED PLUNGER



## HOW TO ORDER

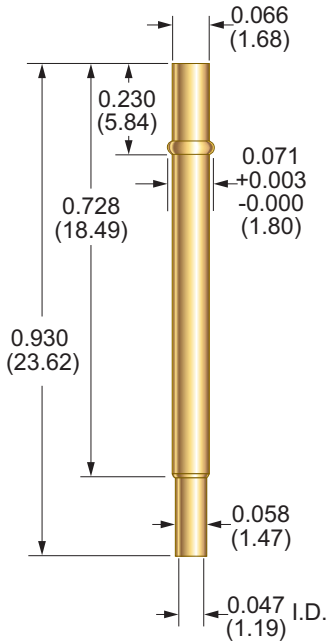
	R - SS / SS
	1
1 ► SERIES	R - SS / SS

1. For plunger with 0.040 (1.02) tip length  
2. Headed plunger only this end  
Dimensions are in inches (mm) | All specifications are subject to change

► **R-2 SERIES**

0.100 (2.54) Centers

For S-2 Series Probes see pg. 20



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.100 (2.54)
<b>Drill Size</b>	#50
<b>Mounting Hole Size</b>	0.068/0.070 (1.73/1.78)
<b>Recommended Wire</b>	22-26 gage
<b>Materials</b>	Nickel/silver, gold plated, gold plated post

**TOOLS**

<b>Crimping Pliers</b>	CP-2 (for 22-26 gage solid conductor)
<b>Insertion Tool</b>	RT-100

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH	NOTES
<b>R-2-CR</b>	Crimp	0.930 (23.62)	1.170 (29.72)	—
<b>R-2-SC</b>	Solder Cup	0.930 (23.62)	1.170 (29.72)	—
<b>R-2-RP</b>	Round Post	1.305 (31.15)	1.545 (39.24)	0.375 post length – 0.025 dia.
<b>R-2-WW-429</b>	Wire Wrap	1.359 (34.52)	1.599 (40.61)	0.429 post length – 0.025 dia.

**HOW TO ORDER**

**R - 2 - WW - 429**  
 1      2                      3

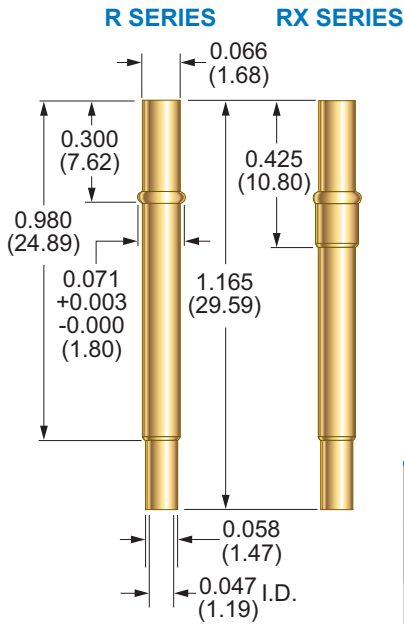
<b>1</b> ► SERIES	<b>R</b>
<b>2</b> ► SIZE	<b>2</b>
<b>3</b> ► TERMINATION	<b>CR</b> CRIMP <b>SC</b> SOLDER CUP
	<b>RP</b> ROUND POST <b>WW - 429</b> WIRE WRAP 0.429 POST LENGTH



## ► R-100 SERIES

0.100 (2.54) Centers

For ICT-100/S-100 Series Probes see pg. 21  
 For ICT-100 Lead Free Series Probes see pg. 22  
 For S-100 Rotator Series Probes see pg. 23  
 For ICT-L100 Series Probes see pg. 24



### PROBE SPECIFICATIONS

Minimum Centers	0.100 (2.54)
Drill Size	#50
Mounting Hole Size	0.068/0.070 (1.73/1.78)
Recommended Wire	22-26 gage
Materials	Nickel/silver, gold plated, gold plated post

### TOOLS

Crimping Pliers	CP-2 (for 22-26 gage solid conductor)
Insertion Tool	RT-100

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH		NOTES
			ICT-100/S-100	ICT-L100	
<b>R-100-CR</b>	Crimp	1.165 (29.59)	1.495 (37.97)	1.645 (41.78)	—
<b>R-100-SC</b>	Solder Cup	1.165 (29.59)	1.495 (37.97)	1.645 (41.78)	—
<b>R-100-RP</b>	Round Post	1.540 (39.12)	1.870 (47.50)	2.020 (51.31)	0.375 post length – 0.025 dia.
<b>R-100-WW-429</b>	Wire Wrap	1.594 (40.49)	1.924 (48.87)	2.074 (52.68)	0.429 post length – 0.025 dia.

## HOW TO ORDER



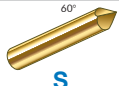

<b>R - 100 - WW - 429</b>	
1                      2                      3	
<b>1</b> ► SERIES	<b>R</b> <b>RX</b> <sup>(1)</sup>
<b>2</b> ► SIZE	<b>100</b>
<b>3</b> ► TERMINATION	<b>CR</b> CRIMP <b>SC</b> SOLDER CUP
	<b>RP</b> ROUND POST <b>WW - 429</b> WIRE WRAP 0.429 POST LENGTH

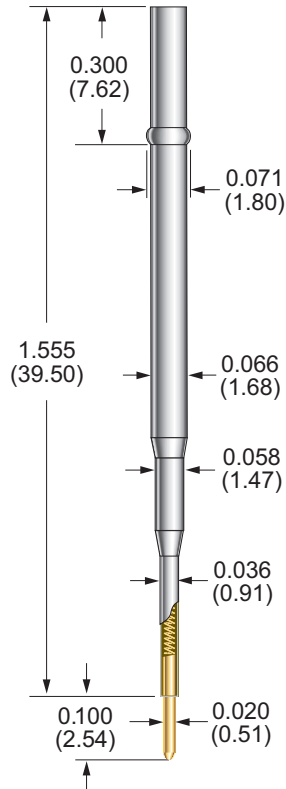
1. Improved pointing accuracy  
 Dimensions are in inches (mm) | All specifications are subject to change

► **R-100-J-DE SERIES**

0.100 (2.54) Centers | Wireless Receptacle

For ICT-100/S-100 Series Probes see pg. 21  
 For ICT-100 Lead Free Series Probes see pg. 22  
 For ICT-L100 Series Probes see pg. 24

BECU TIPS	DIAMETER
 <b>J</b>	0.020 (0.51) 
 <b>S</b>	0.020 (0.51) 



**PROBE SPECIFICATIONS**

Minimum Centers	0.100 (2.54)
Drill Size	#50
Mounting Hole	0.068/0.070 (1.73/1.78)
Spring Force	2.70 oz (77 g) @ 0.070 (1.77) travel
Maximum Travel	0.100 (2.54)
Working Travel	0.070 (1.77)

**MATERIALS**

Receptacle	Nickel/silver, gold lined inside
Spring	Music wire, gold plated
Plunger	Beryllium copper, gold plated over nickel

**TOOLS**

Insertion Tool	RT-100
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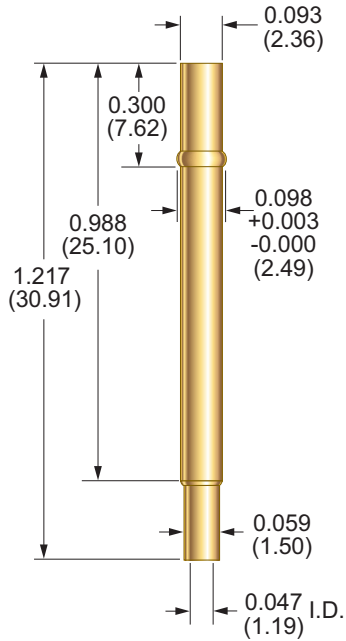
**HOW TO ORDER**

R - 100 - J - DE	
	1      2      3      4
<b>1</b> ► SERIES	R
<b>2</b> ► SIZE	100
<b>3</b> ► TIP STYLE	J, S
<b>4</b> ► TERMINATION	DE DOUBLE-ENDED

## ▶ R-3 SERIES

0.125 (3.18) Centers

For S-3 Series Probes see pg. 25



### PROBE SPECIFICATIONS

Minimum Centers	0.125 (3.18)
Drill Size	#41
Mounting Hole Size	0.094/0.096 (2.39/2.44)
Recommended Wire	22-26 gage
Materials	Nickel/silver, gold plated, gold plated post

### TOOLS

Crimping Pliers	CP-3 (for 22-26 gage solid conductor)
Insertion Tool	RT-3

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH	NOTES
<b>R-3-CR</b>	Crimp	1.217 (30.91)	1.539 (39.09)	—
<b>R-3-SC</b>	Solder Cup	1.217 (30.91)	1.539 (39.09)	—
<b>R-3-WW-429</b>	Wire Wrap	1.646 (41.81)	1.968 (49.99)	0.429 post length – 0.025 sq.

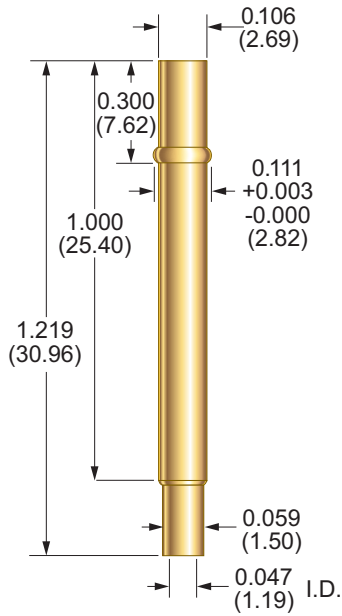
## HOW TO ORDER

<b>R - 3 - WW - 4 2 9</b>	
1    2                    3	
<b>1</b> ▶ SERIES	<b>R</b>
<b>2</b> ▶ SIZE	<b>3</b>
<b>3</b> ▶ TERMINATION	<b>CR</b> CRIMP <b>SC</b> SOLDER CUP
	<b>WW - 4 2 9</b> WIRE WRAP 0.429 POST LENGTH

► **R-4 SERIES**

0.156 (3.96) – 0.187 (4.75) Centers

For S-4 Series Probes see pg. 26



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.156 (3.96) (tips: B, C, D, G, J, K) or 0.187 (4.75) (tips: A, E, F, H)
<b>Drill Size</b>	#35
<b>Mounting Hole Size</b>	0.108/0.110 (2.74/2.79)
<b>Recommended Wire</b>	22-26 gage
<b>Materials</b>	Nickel/silver, gold plated, gold plated post

**TOOLS**

<b>Crimping Pliers</b>	CP-4 (for 22-26 gage solid conductor)
<b>Insertion Tool</b>	RT-4

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH	NOTES
<b>R-4-CR</b>	Crimp	1.219 (30.96)	1.549 (39.34)	—
<b>R-4-SC</b>	Solder Cup	1.219 (30.96)	1.549 (39.34)	—
<b>R-4-WW-429</b>	Wire Wrap	1.648 (41.86)	1.978 (50.24)	0.429 post length – 0.025 sq.

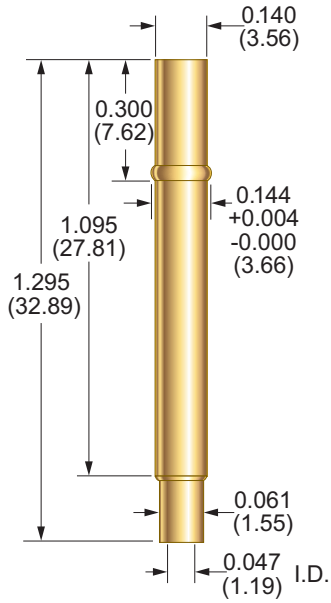
**HOW TO ORDER**

<b>R - 4 - WW - 4 2 9</b>	
<b>1      2                      3</b>	
<b>1</b> ► SERIES	<b>R</b>
<b>2</b> ► SIZE	<b>4</b>
<b>3</b> ► TERMINATION	<b>CR</b> CRIMP <b>SC</b> SOLDER CUP
	<b>WW - 4 2 9</b> WIRE WRAP 0.429 POST LENGTH

## ► R-5 SERIES

0.187 (4.75) – 0.300 (7.62) Centers

For S-5 Series Probes see pg. 27



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.187 (4.75) or 0.300 (7.62) ( <i>tip: HLF</i> )
<b>Drill Size</b>	3.60 mm
<b>Mounting Hole Size</b>	0.141/0.143 (3.58/3.63)
<b>Recommended Wire</b>	22-26 gage
<b>Materials</b>	Nickel/silver, gold plated, gold plated post

### TOOLS

<b>Crimping Pliers</b>	CP-5 ( <i>for 22-26 gage solid conductor</i> )
<b>Insertion Tool</b>	RT-5

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH	NOTES
<b>R-5-CR</b>	Crimp	1.295 (32.89)	1.620 (41.15)	—
<b>R-5-SC</b>	Solder Cup	1.295 (32.89)	1.620 (41.15)	—
<b>R-5-WW-429</b>	Wire Wrap	1.724 (43.79)	2.049 (52.04)	0.429 post length – 0.025 sq.

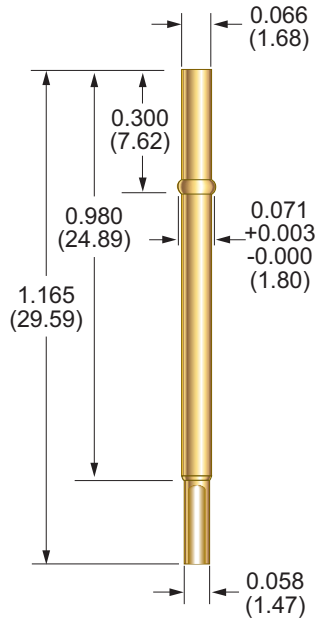
## HOW TO ORDER

<b>R - 5 - WW - 4 2 9</b>	
1      2      3	
<b>1</b> ► SERIES	<b>R</b>
<b>2</b> ► SIZE	<b>5</b>
<b>3</b> ► TERMINATION	<b>CR</b> CRIMP <b>SC</b> SOLDER CUP
	<b>WW - 4 2 9</b> WIRE WRAP 0.429 POST LENGTH

► **RH-100 SERIES**

0.100 (2.54) Centers

For SH-100/SHE-100 Series Probes see pg. 35



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.100 (2.54)
<b>Drill Size</b>	#50
<b>Mounting Hole Size</b>	0.068/0.070 (1.73/1.78)
<b>Recommended Wire</b>	22-26 gage
<b>Materials</b>	Copper alloy, gold plated

**TOOLS**

<b>Insertion Tool</b>	RT-100
-----------------------	--------

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH	NOTES
<b>RH-100-SC</b>	Solder Cup	1.165 (29.59)	1.495 (37.97)	—
<b>RH-100-WW-429</b>	Wire Wrap	1.594 (40.49)	1.924 (48.87)	0.429 post length – 0.025 sq.

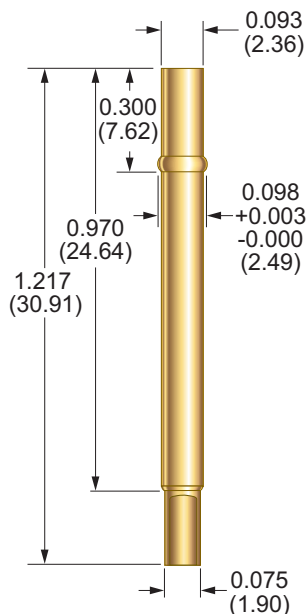
**HOW TO ORDER**

<b>RH - 100 - WW - 429</b> <small>1            2            3</small>	
<b>1</b> ► SERIES	<b>RH</b>
<b>2</b> ► SIZE	<b>100</b>
<b>3</b> ► TERMINATION	<b>SC</b> CRIMP <b>WW - 429</b> WIRE WRAP 0.429 POST LENGTH

## ▶ RH-3 SERIES

0.125 (3.18) Centers

For SH-3/SHE-3 Series Probes see pg. 36



### PROBE SPECIFICATIONS

Minimum Centers	0.125 (3.18)
Drill Size	#41
Mounting Hole Size	0.094/0.096 (2.39/2.44)
Recommended Wire	16 gage max.
Materials	Copper alloy, gold plated

### TOOLS

Insertion Tool	RT-3
----------------	------

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH
<b>RH-3-SC</b>	Solder Cup	1.217 (30.91)	1.539 (39.09)

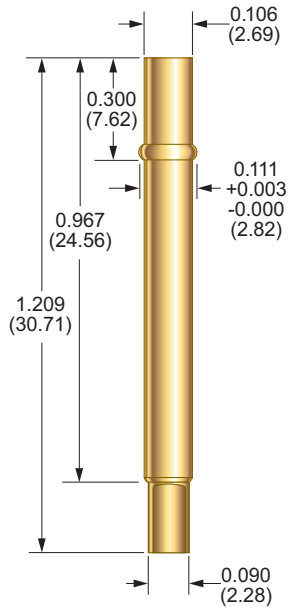
## HOW TO ORDER

<b>RH - 3 - SC</b> <small>1      2      3</small>	
<b>1</b> ▶ SERIES	<b>RH</b>
<b>2</b> ▶ SIZE	<b>3</b>
<b>3</b> ▶ TERMINATION	<b>SC</b> SOLDER CUP

► **RH-4 SERIES**

0.156 (3.96) – 0.187 (4.75) Centers

For SH-4/SHE-4 Series Probes see pg. 37



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.156 (3.96) (tips: B, K) or 0.187 (4.75) (tips: A, F, H)
<b>Drill Size</b>	#35
<b>Mounting Hole Size</b>	0.108/0.110 (2.74/2.79)
<b>Recommended Wire</b>	16 gage max.
<b>Materials</b>	Copper alloy, gold plated

**TOOLS**

<b>Insertion Tool</b>	RT-4
-----------------------	------

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH
<b>RH-4-SC</b>	Solder Cup	1.209 (30.71)	1.539 (39.09)

**HOW TO ORDER**

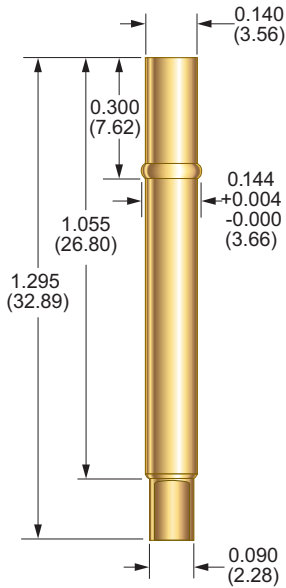
<b>RH - 4 - SC</b> <small>1      2      3</small>	
<b>1</b> ► SERIES	<b>RH</b>
<b>2</b> ► SIZE	<b>4</b>
<b>3</b> ► TERMINATION	<b>SC</b> SOLDER CUP



## ▶ RH-5 SERIES

0.187 (4.75) Centers

For SH-5/SHE-5 Series Probes see pg. 38



### PROBE SPECIFICATIONS

<b>Minimum Centers</b>	0.187 (4.75)
<b>Drill Size</b>	3.60 mm
<b>Mounting Hole Size</b>	0.141/0.143 (3.58/3.63)
<b>Recommended Wire</b>	16 gage max.
<b>Materials</b>	Copper alloy, gold plated

### TOOLS

<b>Insertion Tool</b>	RT-5
-----------------------	------

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH
<b>RH-5-SC</b>	Solder Cup	1.295 (32.89)	1.620 (41.15)

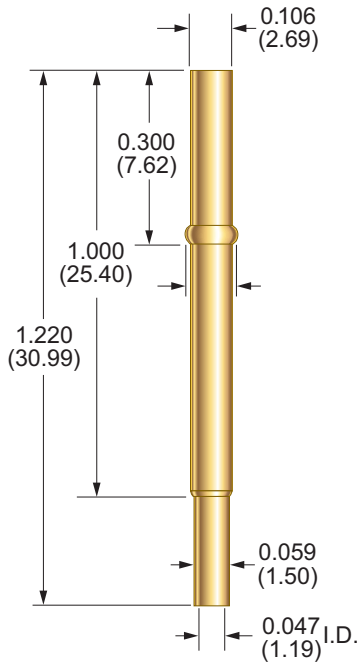
## HOW TO ORDER

<b>RH - 5 - SC</b> <small>1      2      3</small>	
<b>1</b> ▶ SERIES	<b>RH</b>
<b>2</b> ▶ SIZE	<b>5</b>
<b>3</b> ▶ TERMINATION	<b>SC</b> SOLDER CUP

► **R-4-CR SERIES**

0.156 (3.96) Centers

For Size 4 Switch Probes see pg. 40



**PROBE SPECIFICATIONS**

<b>Minimum Centers</b>	0.156 (3.96)
<b>Drill Size</b>	#35
<b>Mounting Hole Size</b>	0.108/0.110 (2.74/2.79)
<b>Materials</b>	Nickel/silver, gold plated

**TOOLS**

<b>Insertion Tool</b>	RT-4
-----------------------	------

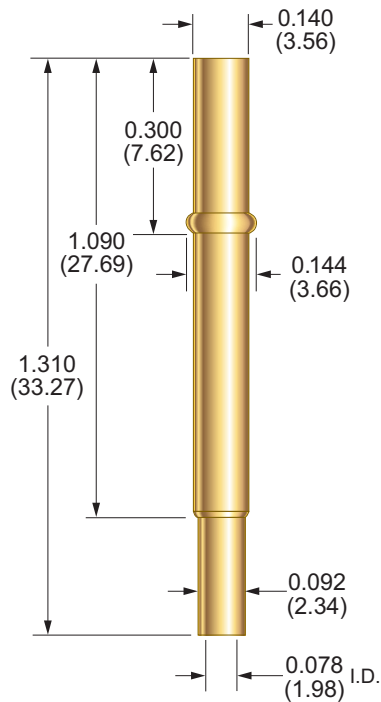
**HOW TO ORDER**

		<b>R - 4 - CR</b>
		<b>1    2    3</b>
<b>1</b> ► <b>SERIES</b>		<b>R</b>
<b>2</b> ► <b>SIZE</b>		<b>4</b>
<b>3</b> ► <b>TERMINATION</b>		<b>CR</b> CRIMP

## ► R-5-SW SERIES

0.187 (4.75) Centers

For Size 5 Switch Probes see pg. 41



### PROBE SPECIFICATIONS

Minimum Centers	0.187 (4.75)
Drill Size	3.60 mm
Mounting Hole Size	0.141/0.143 (3.58/3.63)
Materials	Nickel/silver, gold plated

### TOOLS

Insertion Tool	RT-5
----------------	------

## HOW TO ORDER

		<b>R - 5 - SW</b>
		<b>1    2    3</b>
<b>1</b> ► SERIES		<b>R</b>
<b>2</b> ► SIZE		<b>5</b>
<b>3</b> ► TERMINATION		<b>SW</b> SWITCH



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