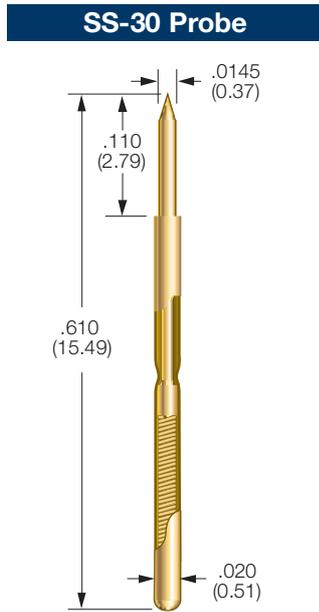
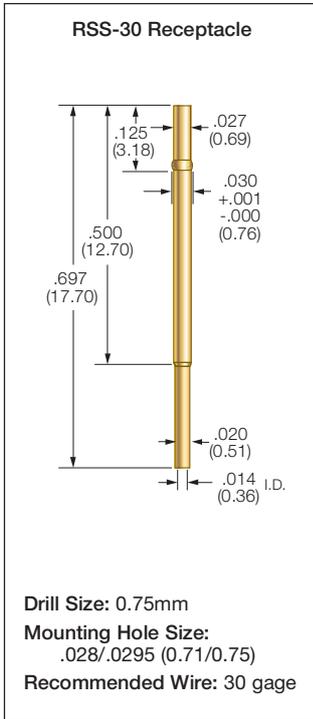


# .039 Centers - Size 30 Series SS



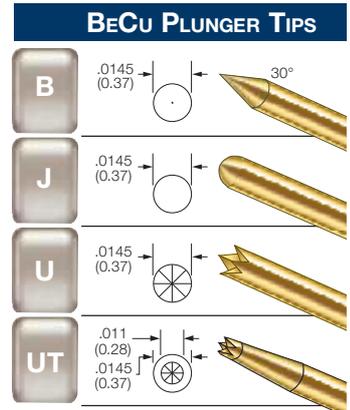
## PROBE SPECIFICATIONS

Minimum Centers: .039 (0.99)  
 Current Rating: 3 amps continuous  
 Spring Force: 1.3 or 1.6 oz. @ .067 (1.70) travel  
 Typical Resistance: < 40 mΩ  
 Maximum Travel: .100 (2.54)  
 Working Travel: .067 (1.70)

Rated Force oz. (g)	Preload oz. (g)	Material
1.3 (37)	0.5 (14)	SS
1.6 (45)	0.5 (14)	MW

## MATERIALS

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



RECEPTACLE OPTIONS				
Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-SS-30-CR	Crimp	0.697 (17.70)	0.807 (20.50)	-
R-SS-30-SC	Solder Cup	0.697 (17.70)	0.807 (20.50)	-
R-SS-30-PS	Preattached Wire*	0.697 (17.70)	0.807 (20.50)	30 gage, vacuum sealed

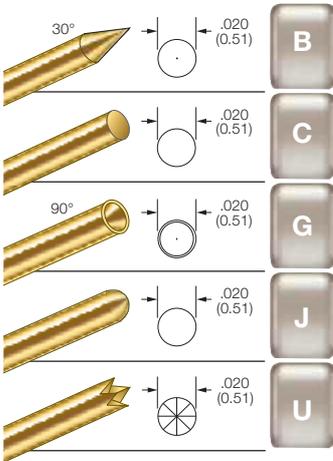
HOW TO ORDER: SPRING CONTACT PROBE					RECEPTACLE		
<b>SS</b>	<b>30</b>	<b>B</b>	<b>1.3</b>	<b>G</b>	<b>R-SS</b>	<b>30</b>	<b>CR</b>
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS	SERIES	SIZE	TERMINATIONS
<b>SPRING FORCE:</b> 1.3 oz. @ .067 (1.70) TRAVEL 1.6 oz. @ .067 (1.70) TRAVEL			<b>PLATING OPTIONS:</b> G: GOLD PLATED PLUNGER D: DURALLOY™ PLATED PLUNGER CRIMPING PLIERS: CPSS30 INSERTION TOOL: RTSS30				
					<b>TERMINATIONS:</b> CR: CRIMP SC: SOLDER CUP PS: PREATTACHED WIRE*		
					<small>* UNLESS OTHERWISE SPECIFIED, WIRE LENGTH 36" WITH A 1" SEMI-STRIP. 12" &amp; 36" STANDARD.</small>		

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

# Series S Size 00 - .039 Centers

## BeCu PLUNGER TIPS



## PROBE SPECIFICATIONS

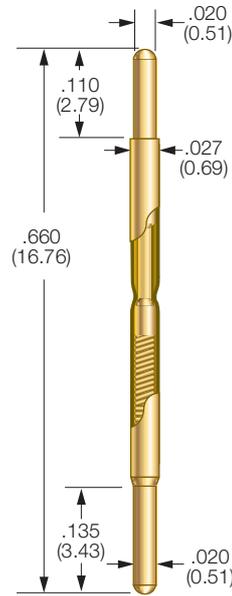
**Minimum Centers:** .039 (0.99)  
**Current Rating:** 3 amps continuous  
**Spring Force:** 1.3 or 1.6 oz. @ .050 (1.27) travel  
**Typical Resistance:** < 55 mΩ  
**Maximum Travel:** .090 (2.29)  
**Working Travel:** .050 (1.27)

Rated Force oz. (g)	Preload oz. (g)	Material
1.3 (37) or 1.6 (45)	0.6 (17) 0.7 (20)	BeCu SS

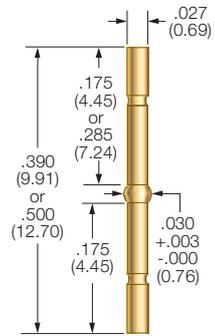
## MATERIALS

**Barrel:** Nickel/silver, preplated gold  
**Spring:** Beryllium copper or stainless steel, gold plated  
**Plunger:** Beryllium copper, gold plated over nickel or Duralloy™  
**Receptacle:** Nickel/silver, gold plated  
**Plug-In Terminal:** Beryllium copper, preplated gold

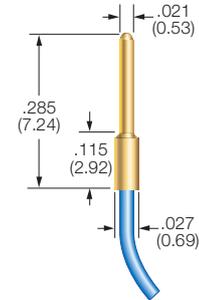
## S-00 PROBE



## R-00 Receptacles R00-W-390 / R00-W-500



## FP-Plug



**Drill Size:** 0.75mm  
**Mounting Hole Size:** .028 / .0295 (0.71 / 0.75)  
**Recommended Wire:** 30 gage

## RECEPTACLE OPTIONS

Part Number	Style	Receptacle or Terminal Length	Probe/Receptacle Combined Length	Probe/Receptacle/Terminal Combined Length
R-00-W-390	Receptacle	0.390 (9.91)	0.915 (23.24)	1.03 (26.16)
R-00-W-500	Receptacle	0.500 (12.70)	1.025 (26.04)	1.14 (28.96)
FP-Plug	Plug-In Terminal*	0.285 (7.24)	—	—

\*To order with preattached wire, add wire length and strip length (in inches) to the end of the part number. For example: R-00-W-390-36-1 or FP-Plug-36-1

## HOW TO ORDER: SPRING CONTACT PROBE

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

**SERIES** **SIZE** **TIP STYLE** **SPRING FORCE** **PLATING OPTIONS**

**SPRING FORCE:**  
 1.3 oz. @ .050 (1.27) TRAVEL  
 1.6 oz. @ .050 (1.27) TRAVEL

**PLATING OPTIONS:**  
**G:** GOLD PLATED PLUNGER  
**D:** DURALLOY™ PLATED PLUNGER

**CRIMPING PLIERS:**  
 CP00W-390  
 CP00W-500  
**INSERTION TOOL:** RT00

## RECEPTACLE

**R** **00** **W** **390**

**SERIES** **SIZE** **TERMINATION** **LENGTH**

**TERMINATIONS:**  
**W:** RECEPTACLE

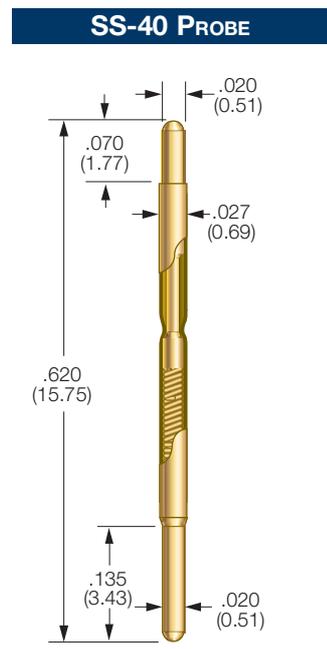
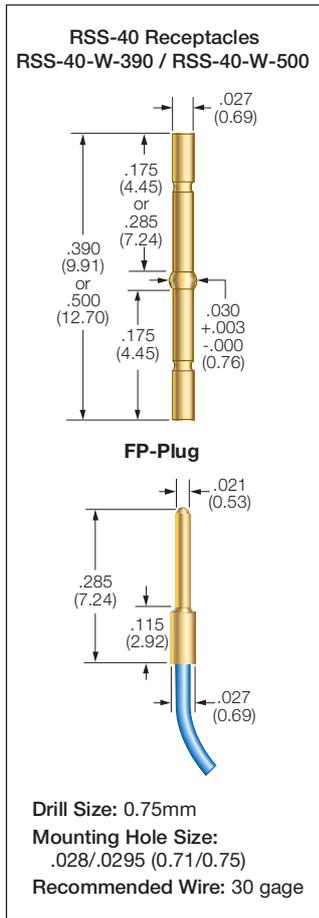
**LENGTHS:**  
 390 OR 500

\* TO ORDER WITH PREATTACHED WIRE, ADD WIRE LENGTH AND STRIP LENGTH (IN INCHES) TO THE END OF THE PART NUMBER. 12" AND 36" STANDARD.

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

# .039 Centers - Size 40 Series SS



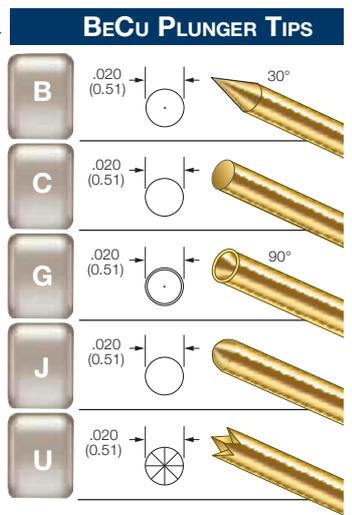
**PROBE SPECIFICATIONS**

Minimum Centers: .039 (0.99)  
Current Rating: 3 amps continuous  
Spring Force: 1.8 or 2.4 oz. @ .050 (1.27) travel  
Typical Resistance: < 55 mΩ  
Maximum Travel: .050 (1.27)  
Working Travel: .050 (1.27)

Rated Force oz. (g)	Preload oz. (g)	Material
1.8 (51)	1.1 (31)	BeCu
2.4 (68)	1.5 (43)	SS

**MATERIALS**

Barrel: Nickel/silver, preplated gold  
Spring: Beryllium copper or stainless steel, gold plated  
Plunger: Beryllium copper, gold plated over nickel or Duralloy™  
Receptacle: Nickel/silver, gold plated  
Plug-In Terminal: Beryllium copper, preplated gold



**RECEPTACLE OPTIONS**

Part Number	Style	Receptacle or Terminal Length	Probe/Receptacle Combined Length	Probe/Receptacle/Terminal Combined Length
RSS-40-W-390	Receptacle	0.390 (9.91)	0.875 (22.23)	.990 (25.15)
RSS-40-W-500	Receptacle	0.500 (12.70)	0.985 (25.02)	1.100 (27.94)
FP-Plug	Plug-In Terminal*	0.285 (7.24)	—	—

\*To order with preattached wire, add wire length and strip length (in inches) to the end of the part number. For example: R-00-W-390-36-1 or FP-Plug-36-1

**HOW TO ORDER: SPRING CONTACT PROBE RECEPTACLE**

SS	40	J	1.8	G	R-SS	40	W	390
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS	SERIES	SIZE	TERMINATION	LENGTH
SPRING FORCE: 1.8 oz. @ .050 (1.27) TRAVEL 2.4 oz. @ .050 (1.27) TRAVEL				CRIMPING PLIERS: CPSS40W-390 CPSS40W-500 INSERTION TOOL: RTSS40				
PLATING OPTIONS: G: GOLD PLATED PLUNGER D: DURALLOY™ PLATED PLUNGER				TERMINATIONS: W: RECEPTACLE				
				LENGTHS: 390 OR 500				
* TO ORDER WITH PREATTACHED WIRE, ADD WIRE LENGTH AND STRIP LENGTH (IN INCHES) TO THE END OF THE PART NUMBER. FOR EXAMPLE: RSS-40-W-390-36-1. 12" & 36" STANDARD.								

**VIEW UPDATES OF THIS INFORMATION AT [WWW.IDINET.COM](http://WWW.IDINET.COM)**

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