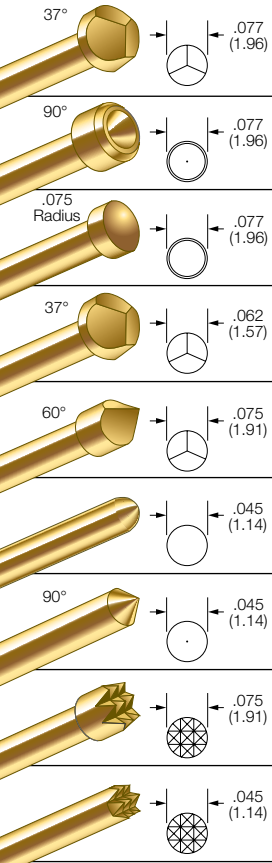


# SERIES SS & GSS .100 CENTERS

## BeCu PLUNGER TIPS



- 1
- 2
- 3
- 4
- 8
- 10
- 11
- 18
- 19

## PROBE SPECIFICATIONS

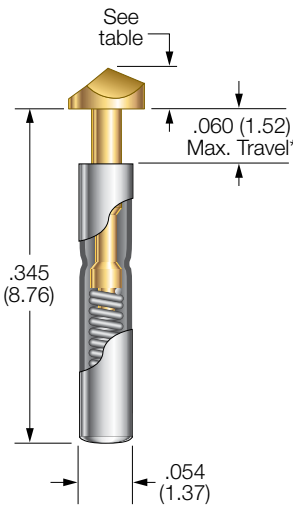
**Minimum Centers:** .100 (2.54)  
**Current Rating:** 3 amps continuous  
**Spring Force:** 3.8 or 7.0 oz. @ .050 (1.27) travel  
**Typical Resistance:**  
 SS: < 65 mΩ  
 GSS: < 30 mΩ  
**Maximum Travel:** .060 (1.52)  
 \*for SS-8 .050 (1.27)  
**Working Travel:** .050 (1.27)

Rated Force oz (g)	Preload oz (g)	Material
3.8 (108)	1.6 (45)	SS
7.0 (198)	1.3 (37)	MW

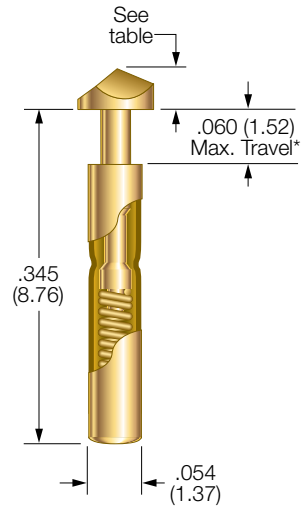
## MATERIALS

**Barrel:**  
 SS: Nickel/silver  
 GSS: Nickel/silver, gold plated  
**Spring:** SS: Stainless steel or music wire  
 GSS: Stainless steel or music wire, gold plated  
**Plunger:** Beryllium copper, gold plated over nickel  
**Receptacle:** Nickel/silver

## SS-100 PROBE



## GSS-100 PROBE



## HEAD LENGTH BY TIP STYLE - SS & GSS PROBE

TIP	HEAD LENGTH	TIP	HEAD LENGTH
1	.040 (1.02)	10	.028 (0.71)
2	.028 (0.71)	11	.040 (1.02)
3	.028 (0.71)	18	.060 (1.52)
4	.040 (1.02)	19	.055 (1.40)
8	.080 (2.03)		

## RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
RSS-100-CR	Crimp	0.475 (12.07)	0.550 (13.97)*	—
RSS-100-NT	No Tail	0.402 (10.21)	0.462 (11.73)*	—
RSS-100-RP	Round Post	0.625 (15.88)	0.685 (17.40)*	.220 post length - .028 dia.
RSS-100-WW	Wire Wrap	0.822 (20.88)	0.882 (22.40)*	.420 post length - .025 sq.

\* Plus head length per tip style from chart

## HOW TO ORDER: SPRING CONTACT PROBE

## RECEPTACLE

**SS** SERIES  
**1** TIP STYLE  
**3.8** SPRING FORCE  
**G** PLATING OPTIONS

**RSS** SERIES  
**100** SIZE  
**WW** TERMINATION

**SERIES:**  
 SS: NICKEL/SILVER BARREL  
 GSS: GOLD PLATED BARREL

**SPRING FORCE:**  
 3.8 oz. @ .050 (1.27) TRAVEL  
 7.0 oz. @ .050 (1.27) TRAVEL

CRIMPING PLIERS: CPSS100

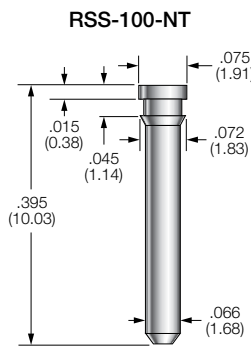
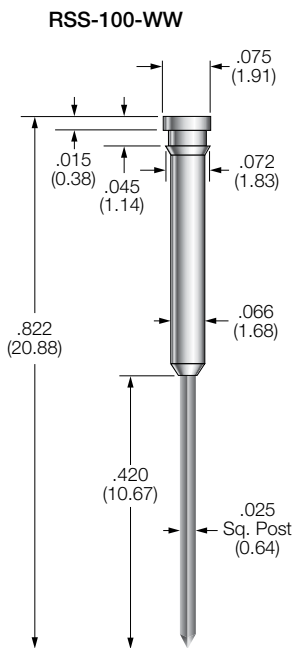
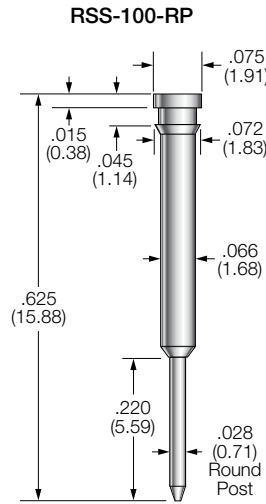
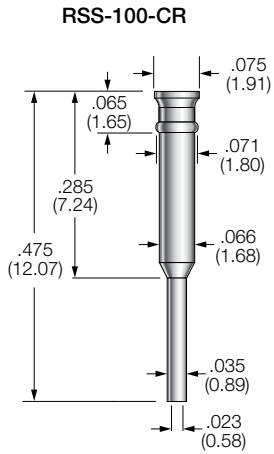
INSERTION TOOL: RTSS100

**TERMINATIONS:**  
 CR: CRIMP  
 RP: ROUND POST  
 NT: NO TAIL  
 WW: WIRE WRAP

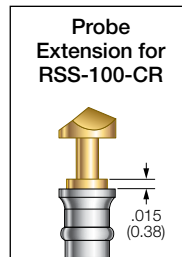
VIEW UPDATES OF THIS INFORMATION AT [WWW.IDINET.COM](http://WWW.IDINET.COM)

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

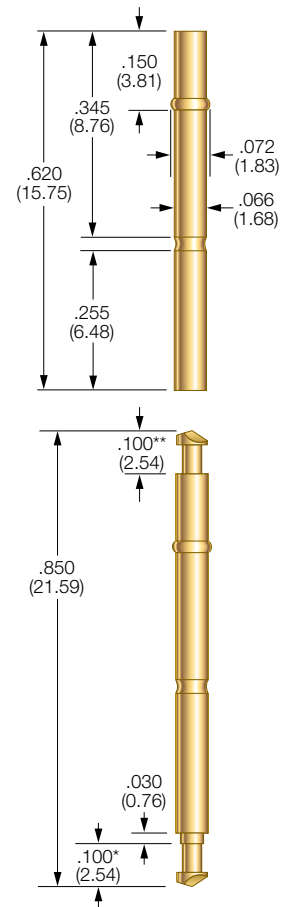
## RSS-100 RECEPTACLES



**Drill Size: #50**  
**Mounting Hole Size: .068/.070 (1.73/1.78)**  
**Recommended Wire: 28-30 gage**



## R-SS/SS RECEPTACLE



\* For plunger with .040 (1.02) tip length  
 \*\* Headed plunger only this end

### RECEPTACLE OPTIONS

**Minimum Centers: .100 (2.54)**  
**Drill Size: #50**  
**Mounting Hole Size: .068/.070 (1.73/1.78)**

### MATERIALS

**Standard Series:**  
 Nickel/silver

**High Performance Series:**  
 Nickel/silver, gold plated

This receptacle houses an SS100 or GSS100 on each end.

### HOW TO ORDER

**STANDARD SERIES:**  
 RS-SS/SS  
**HIGH PERFORMANCE:**  
 R-SS/SS

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

# Mouser Electronics

Authorized Distributor

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[Smiths Interconnect:](#)

[GSS-3-3.8-G](#) [RSS-100-CR](#)