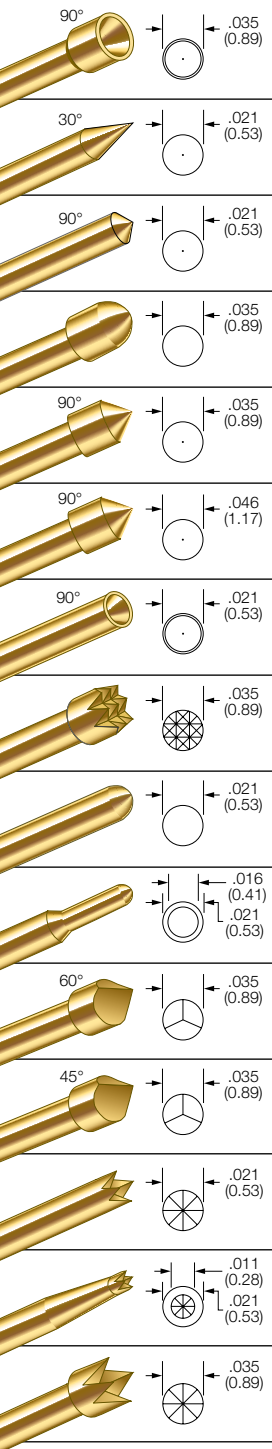


# Series S Size 0 - .050 Centers

## BeCu PLUNGER TIPS



## PROBE SPECIFICATIONS

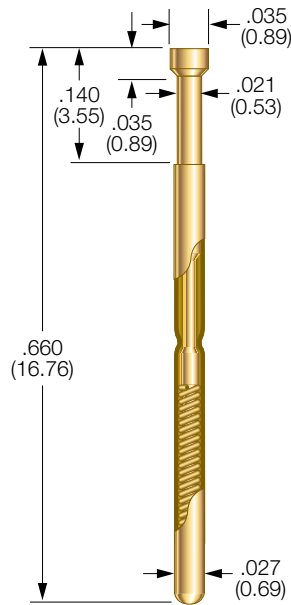
**Minimum Centers:** .050 (1.27)  
**Current Rating:** 3 amps continuous  
**Spring Force:** 2.2, 2.5 or 3.7 oz. @ .070 (1.78) travel  
**Typical Resistance:** < 35 mΩ  
**Maximum Travel:** .100 (2.54)  
**Working Travel:** .070 (1.78)

| Rated Force<br>oz. (g) | Preload<br>oz. (g) | Material |
|------------------------|--------------------|----------|
| 2.2 (62)               | 0.6 (17)           | BeCu     |
| 2.5 (71)               | 0.6 (17)           | SS       |
| 3.7 (105)              | 1.9 (54)           | MW       |

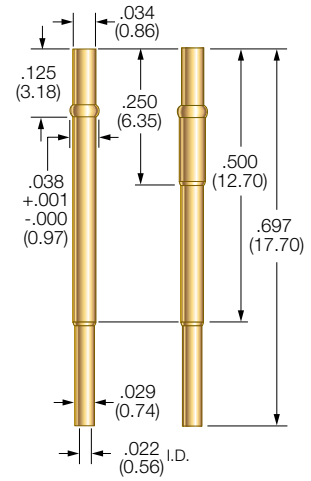
## MATERIALS

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

## S-0 PROBE



## R-0 Receptacles R Series RX Series



**Drill Size:** #64  
**Mounting Hole Size:** .035/.0365 (0.89/0.93)  
**Recommended Wire:** 28-30 gage

## RECEPTACLE OPTIONS

| Part Number | Style              | Receptacle Length | Probe/Receptacle Combined Length | Comments                      |
|-------------|--------------------|-------------------|----------------------------------|-------------------------------|
| R-0-CR      | Crimp              | 0.697 (17.70)     | 0.857 (21.77)                    | —                             |
| R-0-SC      | Solder Cup         | 0.697 (17.70)     | 0.857 (21.77)                    | —                             |
| R-0-WW-016  | Wire Wrap          | 0.947 (24.05)     | 1.107 (28.12)                    | .250 post length - .016 sq.   |
| R-0-WW-025  | Wire Wrap          | 0.997 (25.32)     | 1.157 (29.39)                    | .300 post length - .025 sq.   |
| R-0-PW      | Preattached Wire   | 0.697 (17.70)     | 0.857 (21.77)                    | 30 gage - non vacuum sealed*  |
| R-0-DS      | Duraseal®          | 0.697 (17.70)     | 0.857 (21.77)                    | 30 gage - vacuum sealed*      |
| R-0-WT      | Plug-In Receptacle | 0.697 (17.70)     | 0.857 (21.77)                    | For use with FP-Plug terminal |
| FP-Plug     | Plug-In Terminal   | —                 | —                                | Plugs into R-0-WT receptacle* |

\* Unless otherwise specified, wire length 36", strip length 1", 30 gage Kynar

## HOW TO ORDER: SPRING CONTACT PROBE

|          |          |           |              |                 |
|----------|----------|-----------|--------------|-----------------|
| <b>S</b> | <b>0</b> | <b>A</b>  | <b>2.2</b>   | <b>G</b>        |
| SERIES   | SIZE     | TIP STYLE | SPRING FORCE | PLATING OPTIONS |

**SERIES:**  
**S:** STANDARD  
**SX:** IMPROVED POINTING ACCURACY

**SPRING FORCE:**  
 2.2 oz. @ .070 (1.78) TRAVEL  
 2.5 oz. @ .070 (1.78) TRAVEL  
 3.7 oz. @ .070 (1.78) TRAVEL

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

**CRIMPING PLIERS:** CP0  
**INSERTION TOOL:** RT0  
**WIRE PLUG TOOL:** RTWT

## RECEPTACLE

|          |          |             |
|----------|----------|-------------|
| <b>R</b> | <b>0</b> | <b>CR</b>   |
| SERIES   | SIZE     | TERMINATION |

**SERIES:**  
**R:** HIGH PERFORMANCE  
**RX:** IMPROVED POINTING ACCURACY

\* UNLESS OTHERWISE SPECIFIED,  
 WIRE LENGTH 36", STRIP LENGTH  
 1", 30 GAGE KYNAR. 12" &  
 36" STANDARD.

\*\*FOR USE WITH FP-PLUG  
 TERMINAL. 12" & 36" STANDARD

**TERMINATIONS:**  
**CR:** CRIMP  
**SC:** SOLDER CUP  
**WW-016:** WIRE WRAP .016 sq  
**WW-025:** WIRE WRAP .025 sq  
**PW:** PREATTACHED WIRE\*  
**DS:** DURASEAL\*  
**WT:** PLUG-IN RECEPTACLE\*\*

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

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

# Mouser Electronics

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