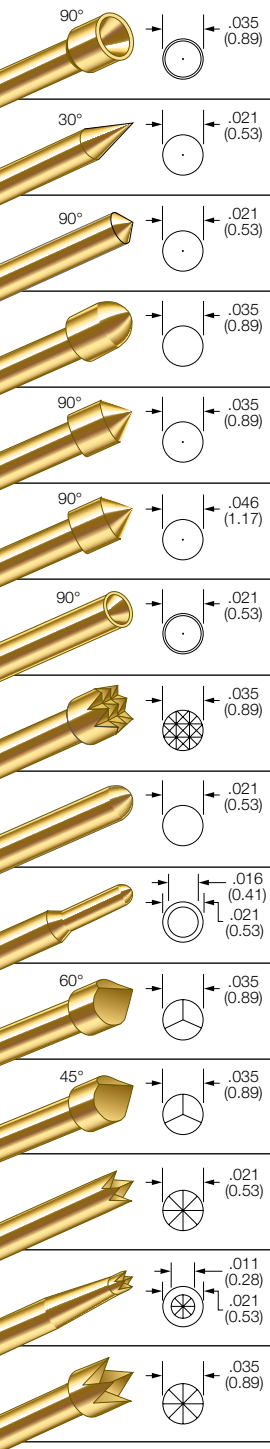


# Series S Size 0 - .050 Centers

## BeCu PLUNGER TIPS



## PROBE SPECIFICATIONS

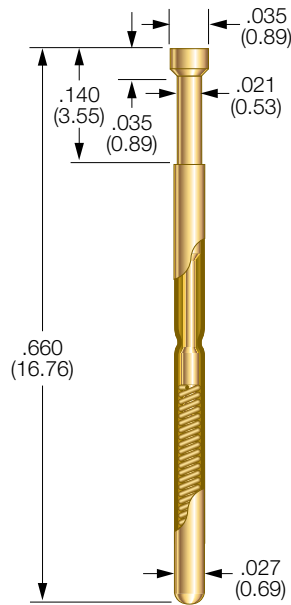
**Minimum Centers:** .050 (1.27)  
**Current Rating:** 3 amps continuous  
**Spring Force:** 2.2, 2.5 or 3.7 oz. @ .070 (1.78) travel  
**Typical Resistance:** < 35 mΩ  
**Maximum Travel:** .100 (2.54)  
**Working Travel:** .070 (1.78)

| 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       |

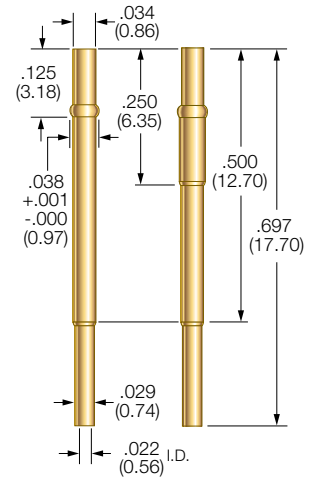
## MATERIALS

**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

| S                                                                                                             | 0    | A                                                                         | 2.2          | G               |
|---------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------|--------------|-----------------|
| SERIES                                                                                                        | SIZE | TIP STYLE                                                                 | SPRING FORCE | PLATING OPTIONS |
| SERIES:<br>S: STANDARD<br>SX: IMPROVED POINTING ACCURACY                                                      |      | PLATING OPTIONS:<br>G: GOLD PLATED PLUNGER<br>D: DURALLOY™ PLATED PLUNGER |              |                 |
| SPRING FORCE:<br>2.2 oz. @ .070 (1.78) TRAVEL<br>2.5 oz. @ .070 (1.78) TRAVEL<br>3.7 oz. @ .070 (1.78) TRAVEL |      | CRIMPING PLIERS: CP0<br>INSERTION TOOL: RT0<br>WIRE PLUG TOOL: RTWT       |              |                 |

## RECEPTACLE

| R                                                                                                  | 0    | CR                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SERIES                                                                                             | SIZE | TERMINATION                                                                                                                                                                  |
| SERIES:<br>R: HIGH PERFORMANCE<br>RX: IMPROVED POINTING ACCURACY                                   |      | TERMINATIONS:<br>CR: CRIMP<br>SC: SOLDER CUP<br>WW-016: WIRE WRAP .016 sq<br>WW-025: WIRE WRAP .025 sq<br>PW: PREATTACHED WIRE*<br>DS: DURASEAL*<br>WT: PLUG-IN RECEPTACLE** |
| * UNLESS OTHERWISE SPECIFIED, WIRE LENGTH 36", STRIP LENGTH 1", 30 GAGE KYNAR. 12" & 36" STANDARD. |      |                                                                                                                                                                              |
| **FOR USE WITH FP-PLUG TERMINAL. 12" & 36" STANDARD                                                |      |                                                                                                                                                                              |

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

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