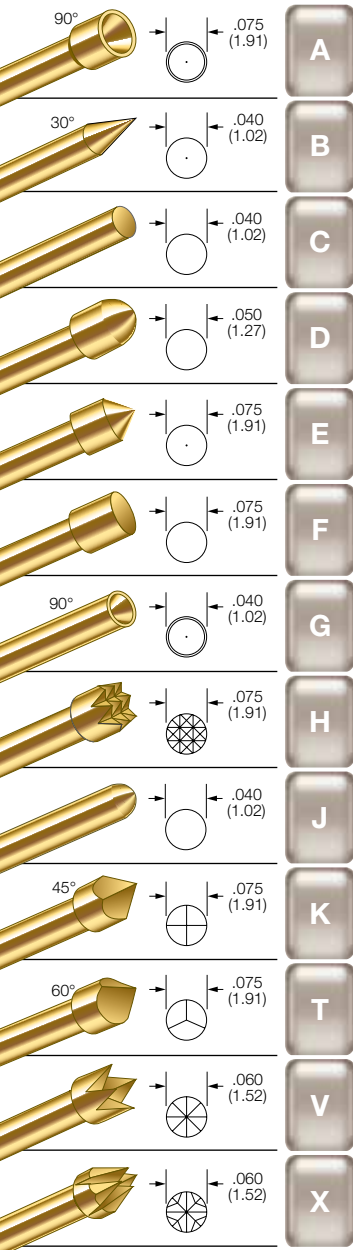


# Series S

## SIZE 2 .100 CENTERS

### BeCu PLUNGER TIPS



### PROBE SPECIFICATIONS

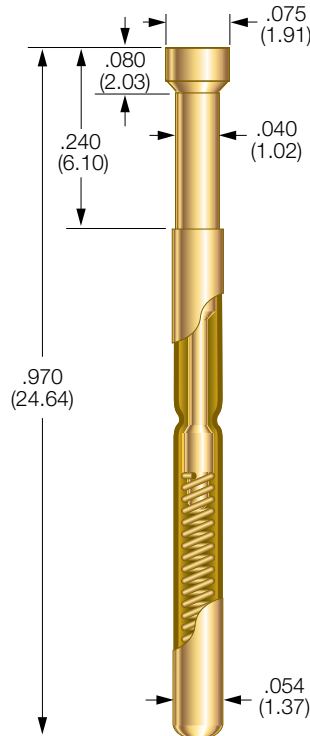
**Minimum Centers:** .100 (2.54)  
**Current Rating:** 3 amps continuous  
**Spring Force:** 4.0, 7.0, 8.3 or 10.0 oz. @ .100 (2.54) travel  
**Typical Resistance:** < 35 mΩ  
**Maximum Travel:** .160 (4.06)  
**Working Travel:** .100 (2.54)

| Rated Force oz (g) | Preload oz (g) | Material |
|--------------------|----------------|----------|
| 4.0 (113)          | 1.6 (45)       | BeCu     |
| 7.0 (198)          | 2.9 (82)       | SS       |
| 8.3 (235)          | 3.3 (93)       | MW       |
| 10.0 (283)         | 3.9 (110)      | MW       |

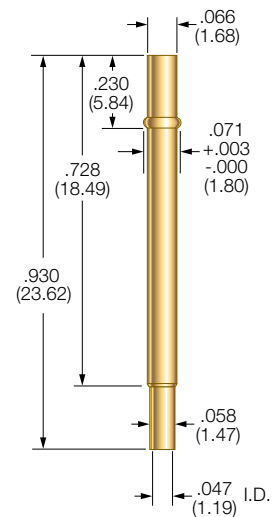
### MATERIALS

**Barrel:** Nickel/silver, gold plated  
**Spring:** Beryllium copper, precious metal plated, music wire or stainless steel, gold plated  
**Plunger:** Beryllium copper, gold plated over nickel or Duralloy™  
**Receptacle:** Nickel/silver, gold plated; gold plated post

### S-2 PROBE



### R-2 Receptacle



**Drill Size:** #50  
**Mounting Hole Size:** .068/.070 (1.73/1.78)  
**Recommended Wire:** 22-26 gage

### RECEPTACLE OPTIONS

| Part Number | Style      | Receptacle Length | Probe/Receptacle Combined Length | Comments                     |
|-------------|------------|-------------------|----------------------------------|------------------------------|
| R-2-CR      | Crimp      | 0.930 (23.62)     | 1.170 (29.72)                    | —                            |
| R-2-SC      | Solder Cup | 0.930 (23.62)     | 1.170 (29.72)                    | —                            |
| R-2-RP      | Round Post | 1.305 (31.15)     | 1.545 (39.24)                    | .375 post length - .025 dia. |
| R-2-WW-429  | Wire Wrap  | 1.359 (34.52)     | 1.599 (40.61)                    | .429 post length - .025 sq.  |

### HOW TO ORDER: SPRING CONTACT PROBE

| S                                                                                                                                                                                                                                                                                                                                                                                     | 2    | A         | 4            | G               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|--------------|-----------------|
| SERIES                                                                                                                                                                                                                                                                                                                                                                                | SIZE | TIP STYLE | SPRING FORCE | PLATING OPTIONS |
| <b>SPRING FORCE:</b><br>4.0 oz. @ .100 (2.54) TRAVEL<br>7.0 oz. @ .100 (2.54) TRAVEL<br>8.3 oz. @ .100 (2.54) TRAVEL<br>10.0 oz. @ .100 (2.54) TRAVEL<br><br><b>SERIES:</b><br>S: STANDARD<br>SX: IMPROVED POINTING ACCURACY<br><br><b>PLATING OPTIONS:</b><br>G: GOLD PLATED PLUNGER<br>D: DURALLOY™ PLATED PLUNGER<br><br><b>CRIMPING PLIERS:</b> CP2<br><b>INSERTION TOOL:</b> RT2 |      |           |              |                 |

### RECEPTACLE

| R                                                                                                                            | 2    | WW          | 429         |
|------------------------------------------------------------------------------------------------------------------------------|------|-------------|-------------|
| SERIES                                                                                                                       | SIZE | TERMINATION | POST LENGTH |
| <b>TERMINATIONS:</b><br>CR: CRIMP<br>SC: SOLDER CUP<br>RP: ROUND POST<br>WW: WIRE WRAP<br><br><b>POST LENGTH:</b><br>WW: 429 |      |             |             |

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

Authorized Distributor

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