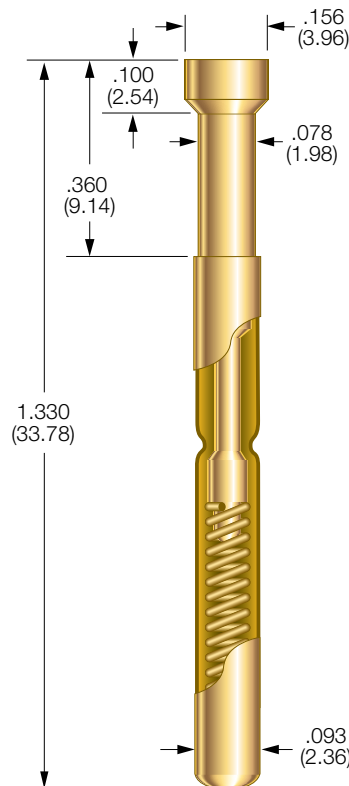
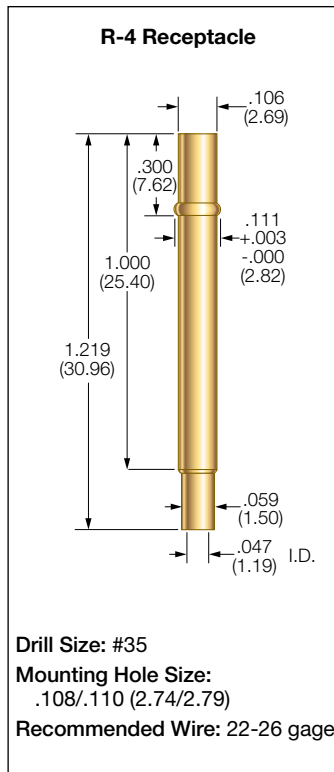


## S-4 PROBE



## PROBE SPECIFICATIONS

### Minimum Centers:

Tip Styles B, C, D, G, J, K  
.156 (3.96)

Tip Styles A, E, F, H  
.187 (4.75)

Current Rating: 5 amps  
continuous

Spring Force: 5.0 or 7.0 oz.  
@ .170 (4.32) travel

Typical Resistance: < 20 mΩ

Maximum Travel: .250 (6.35)

Working Travel: .170 (4.32)

| Rated Force<br>oz (g) | Preload<br>oz (g) |
|-----------------------|-------------------|
| 5.0 (142)             | 2.0 (57)          |
| 7.0 (198)             | 2.8 (79)          |

## MATERIALS

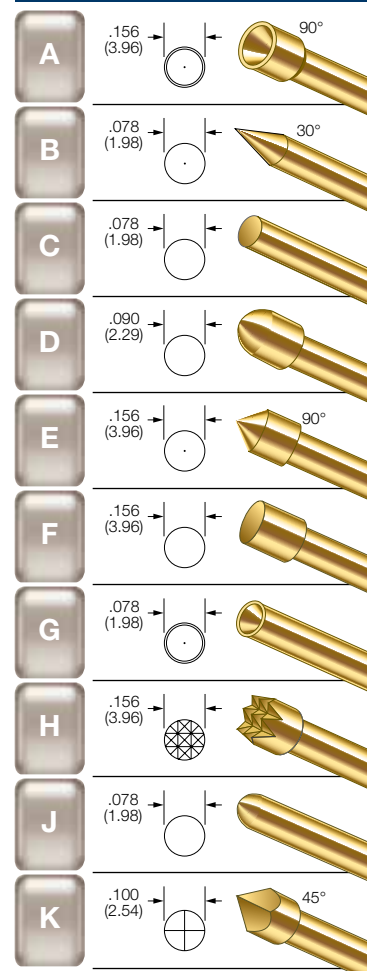
Barrel: Nickel/silver, gold  
plated

Spring: Stainless steel, gold  
plated

Plunger: Beryllium copper,  
gold plated over nickel  
or Duralloy™

Receptacle: Nickel/silver, gold  
plated, gold plated post

## BeCu PLUNGER TIPS



## RECEPTACLE OPTIONS

| Part Number | Style      | Receptacle Length | Probe/Receptacle Combined Length* | Comments                    |
|-------------|------------|-------------------|-----------------------------------|-----------------------------|
| R-4-CR      | Crimp      | 1.219 (30.96)     | 1.549 (39.34)                     | —                           |
| R-4-SC      | Solder Cup | 1.219 (30.96)     | 1.549 (39.34)                     | —                           |
| R-4-WW-429  | Wire Wrap  | 1.648 (41.86)     | 1.978 (50.24)                     | .429 post length - .025 sq. |

\* Headless probes sit .020" deeper in receptacle. Dimension shown is for headed probe.

## HOW TO ORDER: SPRING CONTACT PROBE

## RECEPTACLE

| S                                                                                    | 4    | A         | 5            | G               | R                                                                    | 4    | WW          | 429         |
|--------------------------------------------------------------------------------------|------|-----------|--------------|-----------------|----------------------------------------------------------------------|------|-------------|-------------|
| SERIES                                                                               | SIZE | TIP STYLE | SPRING FORCE | PLATING OPTIONS | SERIES                                                               | SIZE | TERMINATION | POST LENGTH |
| <b>SPRING FORCE:</b><br>5.0 oz. @ .170 (4.32) TRAVEL<br>7.0 oz. @ .170 (4.32) TRAVEL |      |           |              |                 | <b>TERMINATIONS:</b><br>CR: CRIMP<br>SC: SOLDER CUP<br>WW: WIRE WRAP |      |             |             |
| <b>CRIMPING PLIERS:</b> CP4<br><b>INSERTION TOOL:</b> RT4                            |      |           |              |                 | <b>POST LENGTH:</b><br>WW: 429                                       |      |             |             |
| <b>PLATING OPTIONS:</b><br>G: GOLD PLATED PLUNGER<br>D: DURALLOY™ PLATED PLUNGER     |      |           |              |                 |                                                                      |      |             |             |

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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