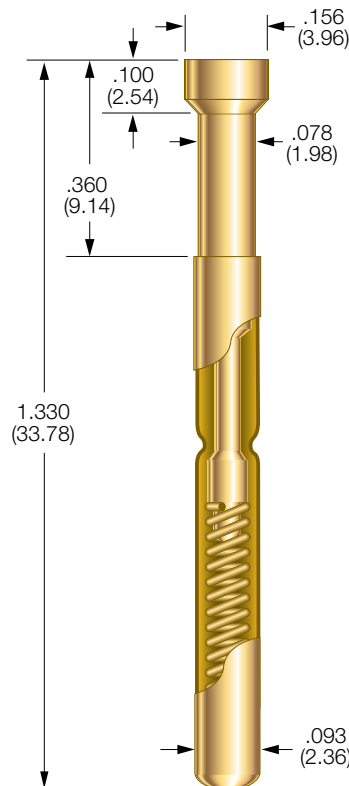
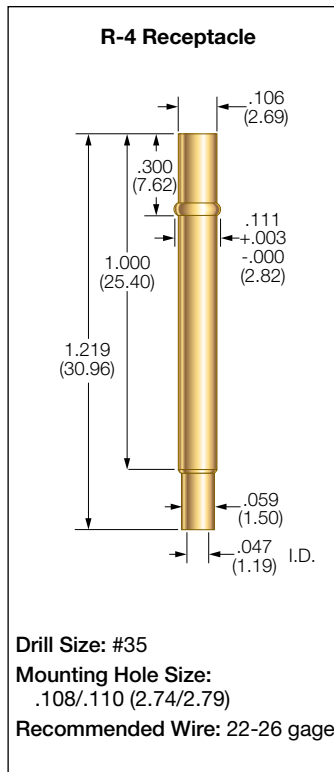


## S-4 PROBE



## 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 oz (g)	Preload oz (g)
5.0 (142)	2.0 (57)
7.0 (198)	2.8 (79)

## MATERIALS

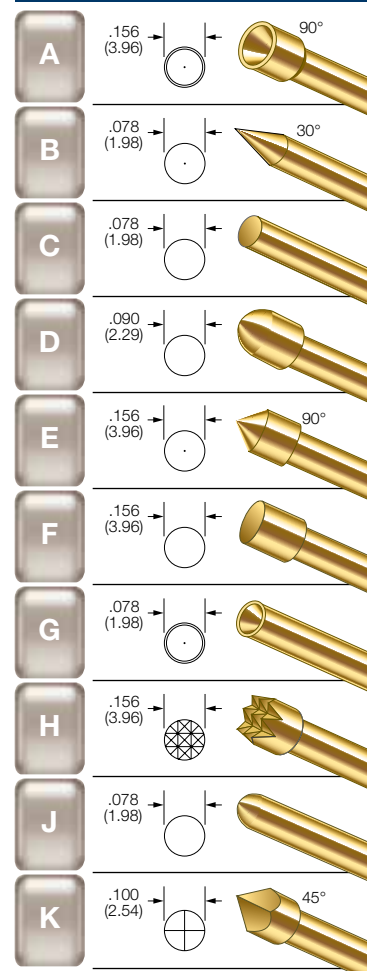
Barrel: Nickel/silver, gold  
plated

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
SPRING FORCE: 5.0 oz. @ .170 (4.32) TRAVEL 7.0 oz. @ .170 (4.32) TRAVEL					TERMINATIONS: CR: CRIMP SC: SOLDER CUP WW: WIRE WRAP			
PLATING OPTIONS: G: GOLD PLATED PLUNGER D: DURALLOY™ PLATED PLUNGER					POST LENGTH: WW: 429			
CRIMPING PLIERS: CP4 INSERTION TOOL: RT4								

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

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Smiths Interconnect:](#)

[S-4-A-5-D S/C](#) [S-4-A-7-D S/C](#) [S-4-B-5-D S/C](#) [S-4-B-7-D S/C](#) [S-4-B-7-G S/C](#) [S-4-C-5-D S/C](#) [S-4-C-5-G S/C](#) [S-4-C-5-G-N/L S/C](#) [S-4-C-7-D S/C](#) [S-4-C-7-G S/C](#) [S-4-C-7-G-N/L S/C](#) [S-4-D-5-D S/C](#) [S-4-D-7-D S/C](#) [S-4-E-5-D S/C](#) [S-4-E-7-D S/C](#) [S-4-E-7-G S/C](#) [S-4-F-5-D S/C](#) [S-4-F-7-D S/C](#) [S-4-F-7-G S/C](#) [S-4-G-5-D S/C](#) [S-4-G-5-G S/C](#) [S-4-G-7-D S/C](#) [S-4-G-7-G S/C](#) [S-4-H-5-D S/C](#) [S-4-H-7-D S/C](#) [S-4-J-5-D S/C](#) [S-4-J-7-D S/C](#) [S-4-K-5-D S/C](#) [S-4-K-5-G S/C](#) [S-4-K-7-D S/C](#) [S-4-K-7-G S/C](#)