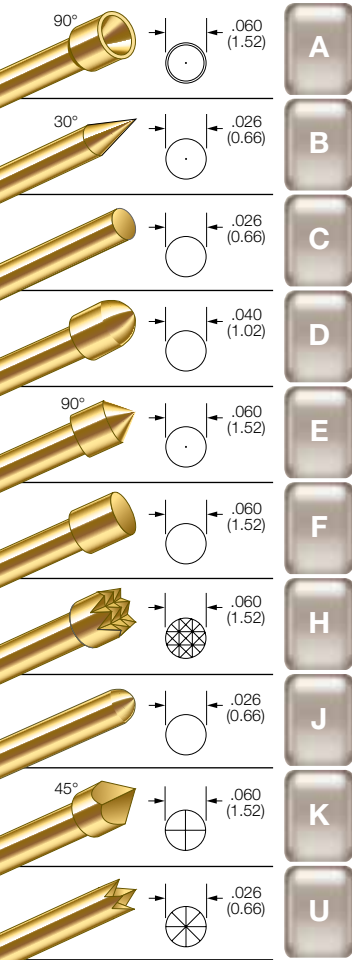


Series S Size 1 - .075 Centers

BeCu PLUNGER TIPS



PROBE SPECIFICATIONS

Minimum Centers: .075 (1.91)

Current Rating: 3 amps continuous

Spring Force: 2.0, 3.8 or 6.6 oz. @ .070 (1.78) travel

Typical Resistance: < 25 mΩ

Maximum Travel: .100 (2.54)

Working Travel: .070 (1.78)

Rated Force oz. (g)	Preload oz. (g)	Material
2.0 (57)	0.8 (23)	SS
3.8 (108)	1.5 (43)	SS
6.6 (187)	2.0 (57)	MW

MATERIALS

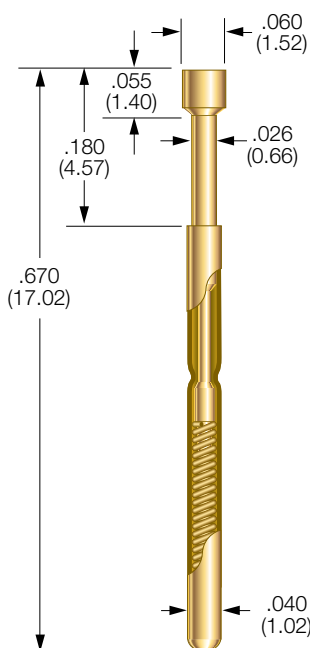
Barrel: Nickel/silver, gold plated

Spring: Stainless steel or music wire, gold plated

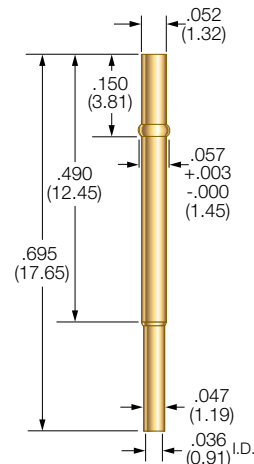
Plunger: Beryllium copper, gold plated over nickel or Duralloy™

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

S-1 PROBE



R-1 Receptacle



Drill Size: 1.45mm

Mounting Hole Size: .055/.057 (1.40/1.45)

Recommended Wire: 24-28 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-1-CR	Crimp	0.695 (17.65)	0.875 (22.23)	—
R-1-SC	Solder Cup	0.695 (17.65)	0.875 (22.23)	—
R-1-RP	Round Post	1.070 (27.18)	1.250 (31.75)	.375 post length - .025 dia.
R-1-WW-429	Wire Wrap	1.124 (28.55)	1.304 (33.12)	.429 post length - .025 sq.

HOW TO ORDER: SPRING CONTACT PROBE

S	1	A	3.8	G
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS

SERIES:

S: STANDARD
SX: IMPROVED POINTING ACCURACY

SPRING FORCE:

2.0 oz. @ .070 (1.78) TRAVEL
3.8 oz. @ .070 (1.78) TRAVEL
6.6 oz. @ .070 (1.78) TRAVEL

PLATING OPTIONS:

G: GOLD PLATED PLUNGER
D: DURALLOY™ PLATED PLUNGER

CRIMPING PLIERS: CP1
INSERTION TOOL: RT1

RECEPTACLE

R	1	WW	429
SERIES	SIZE	TERMINATION	POST LENGTH

TERMINATIONS:

CR: CRIMP
SC: SOLDER CUP
RP: ROUND POST
WW: WIRE WRAP

POST LENGTH:

WW: 429

VIEW UPDATES OF THIS INFORMATION AT 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-1-A-3.8-D D/C .670 OAL](#) [S-1-A-6.6-D D/C .670 OAL](#) [S-1-A-6.6-G D/C .670 OAL](#) [S-1-B-2-D D/C .670 OAL](#) [S-1-B-6.6-D D/C .670 OAL](#) [S-1-B-6.6-G D/C .670 OAL](#) [S-1-C-2-D D/C .670 OAL](#) [S-1-C-2-G D/C .670 OAL](#) [S-1-C-3.8-D D/C .670 OAL](#) [S-1-C-6.6-D D/C .670 OAL](#) [S-1-C-6.6-G D/C .670 OAL](#) [S-1-D-2-D D/C .670 OAL](#) [S-1-D-3.8-D D/C .670 OAL](#) [S-1-D-6.6-D D/C .670 OAL](#) [S-1-E-2-D D/C .670 OAL](#) [S-1-E-6.6-D D/C .670 OAL](#) [S-1-F-2-D D/C .670 OAL](#) [S-1-F-3.8-D D/C .670 OAL](#) [S-1-F-6.6-D D/C .670 OAL](#) [S-1-F-6.6-G D/C .670 OAL](#) [S-1-H-2-D D/C .670 OAL](#) [S-1-H-6.6-D D/C .670 OAL](#) [S-1-J-2-D D/C .670 OAL](#) [S-1-J-6.6-D D/C .670 OAL](#) [S-1-K-2-D D/C .670 OAL](#) [S-1-K-2-G D/C .670 OAL](#) [S-1-K-3.8-D D/C .670 OAL](#) [S-1-K-6.6-D D/C .670 OAL](#) [S-1-K-6.6-G D/C .670 OAL](#) [S-1-U-2-D D/C .670 OAL](#) [S-1-U-3.8-D D/C .670 OAL](#) [S-1-U-3.8-G-W/L D/C .670 OAL](#) [S-1-U-6.6-D D/C .670 OAL](#) [S-1-B-3.8-D D/C .670 OAL](#) [S-1-C-3.8-G D/C .670 OAL](#) [S-1-E-3.8-D D/C .670 OAL](#) [S-1-E-6.6-G D/C .670 OAL](#) [S-1-H-3.8-D D/C .670 OAL](#) [S-1-H-6.6-G D/C .670 OAL](#) [S-1-J-3.8-D D/C .670 OAL](#) [S-1-K-3.8-G D/C .670 OAL](#) [100024-002-922](#) [100024-040-922](#)