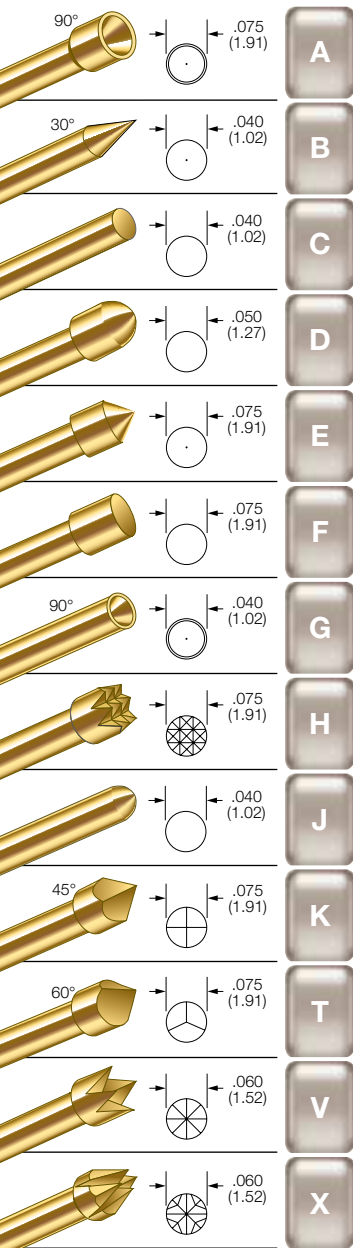


Series S

SIZE 2 .100 CENTERS

BeCu PLUNGER TIPS



PROBE SPECIFICATIONS

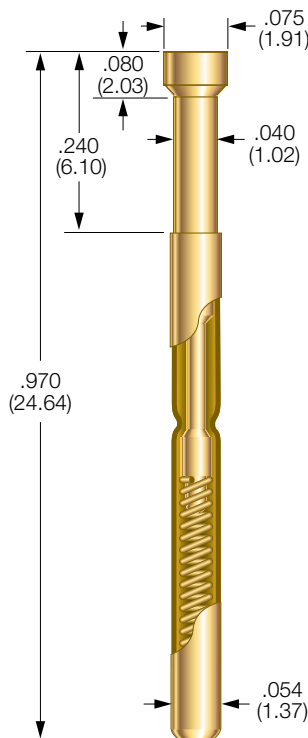
Minimum Centers: .100 (2.54)
Current Rating: 3 amps continuous
Spring Force: 4.0, 7.0, 8.3 or 10.0 oz. @ .100 (2.54) travel
Typical Resistance: < 35 mΩ
Maximum Travel: .160 (4.06)
Working Travel: .100 (2.54)

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

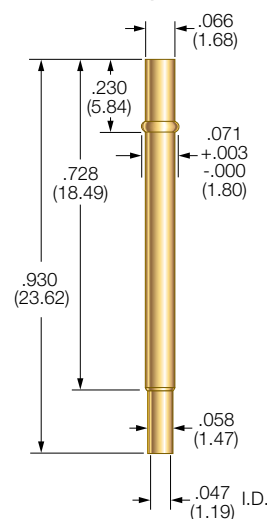
MATERIALS

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
SPRING FORCE: 4.0 oz. @ .100 (2.54) TRAVEL 7.0 oz. @ .100 (2.54) TRAVEL 8.3 oz. @ .100 (2.54) TRAVEL 10.0 oz. @ .100 (2.54) TRAVEL SERIES: S: STANDARD SX: IMPROVED POINTING ACCURACY PLATING OPTIONS: G: GOLD PLATED PLUNGER D: DURALLOY™ PLATED PLUNGER CRIMPING PLIERS: CP2 INSERTION TOOL: RT2				

RECEPTACLE

R	2	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:

[R-075-RP](#) [R-100-SC](#) [R-100-CR](#) [R-0-WW-025](#) [R-100-J-DE](#) [R-00-W-500](#) [R-2-RP](#) [R-2-WW-429](#) [R-4-CR](#) [R-100-RP](#)
[S-2-A-10-D D/C](#) [S-2-A-10-G D/C](#) [S-2-A-4-D S/C](#) [S-2-A-4-G S/C](#) [S-2-A-7-D D/C](#) [S-2-A-7-G D/C](#) [S-2-A-8.3-G D/C](#) [S-](#)
[2-B-10-G D/C](#) [S-2-B-4-D S/C](#) [S-2-B-4-G S/C](#) [S-2-B-7-D D/C](#) [S-2-B-7-G D/C](#) [S-2-B-8.3-D D/C](#) [S-2-B-8.3-G D/C](#) [S-2-](#)
[C-10-D D/C](#) [S-2-C-10-G D/C](#) [S-2-C-4-D S/C](#) [S-2-C-4-G S/C](#) [S-2-C-7-D D/C](#) [S-2-C-7-G D/C](#) [S-2-C-8.3-D D/C](#) [S-2-C-](#)
[8.3-G D/C](#) [S-2-D-10-D D/C](#) [S-2-D-10-G D/C](#) [S-2-D-4-D S/C](#) [S-2-D-4-G S/C](#) [S-2-D-7-D D/C](#) [S-2-D-7-G D/C](#) [S-2-D-](#)
[8.3-D D/C](#) [S-2-D-8.3-G D/C](#) [S-2-E-10-D D/C](#) [S-2-E-10-G D/C](#) [S-2-E-4-D S/C](#) [S-2-E-4-G S/C](#) [S-2-E-7-D D/C](#) [S-2-E-7-](#)
[G D/C](#) [S-2-E-8.3-G D/C](#) [S-2-F-10-D D/C](#) [S-2-F-10-G D/C](#) [S-2-F-4-D S/C](#) [S-2-F-4-G S/C](#) [S-2-F-7-D D/C](#) [S-2-F-7-G](#)
[D/C](#) [S-2-F-8.3-D D/C](#) [S-2-F-8.3-G D/C](#) [S-2-G-10-G D/C](#) [S-2-G-4-D S/C](#) [S-2-G-4-G S/C](#) [S-2-G-7-D D/C](#) [S-2-G-7-G](#)
[D/C](#) [S-2-G-8.3-G D/C](#) [S-2-H-10-D D/C](#) [S-2-H-10-G D/C](#) [S-2-H-4-D S/C](#) [S-2-H-4-G S/C](#) [S-2-H-7-D D/C](#) [S-2-H-7-G](#)
[D/C](#) [S-2-H-8.3-D D/C](#) [S-2-H-8.3-G D/C](#) [S-2-HS-4-G S/C](#) [S-2-HT-4-G S/C](#) [S-2-J-10-D D/C](#) [S-2-J-10-G D/C](#) [S-2-J-4-D](#)
[S/C](#) [S-2-J-7-D D/C](#) [S-2-J-7-G D/C](#) [S-2-J-8.3-D D/C](#) [S-2-J-8.3-G D/C](#) [S-2-K-10-D D/C](#) [S-2-K-10-G D/C](#) [S-2-K-4-D](#)
[S/C](#) [S-2-K-4-G S/C](#) [S-2-K-7-D D/C](#) [S-2-K-7-G D/C](#) [S-2-K-8.3-G D/C](#) [S-2-T-10-G D/C](#) [S-2-T-4-D S/C](#) [S-2-T-4-G S/C](#)
[S-2-T-7-D D/C](#) [S-2-T-7-G D/C](#) [S-2-T-8.3-D D/C](#) [S-2-T-8.3-G D/C](#) [S-2-V-10-D D/C](#) [S-2-V-10-G D/C](#) [S-2-V-4-D S/C](#) [S-](#)
[2-V-7-D D/C](#) [S-2-V-7-G D/C](#) [S-2-V-8.3-D D/C](#) [S-2-V-8.3-G D/C](#) [S-2-X-10-D D/C](#)