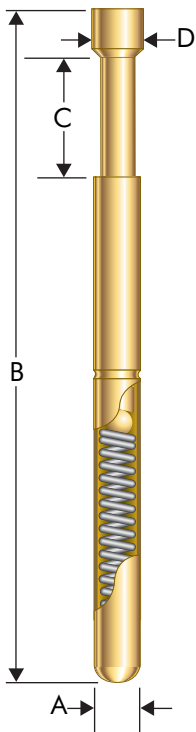


SH PROBE



MATERIALS

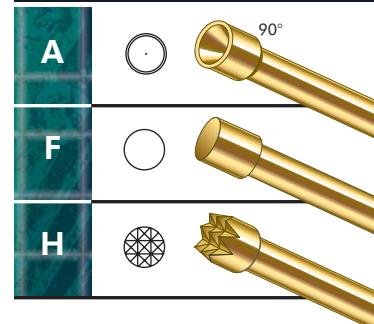
Barrel: High performance copper alloy, gold plated
 Spring: Stainless steel
 Ball: Stainless steel, gold plated
 Plunger: Beryllium copper, gold plated
 Receptacle: Copper alloy, gold plated
 For dimensional information on the receptacles, see:
 • Page 14 for SH-100
 • Page 49 for SH-3
 • Page 50 for SH-4
 • Page 51 for SH-5

PROBE SPECIFICATIONS

Minimum Centers:
 SH-100: .100 (2,54)
 SH-3: .125 (3,18)
 SH-4: .187 (4,75)
 SH-5: .187 (4,75)
 Current Rating:
 SH-100: 15 amps
 SH-3: 27 amps
 SH-4: 32 amps
 SH-5: 39 amps
 (Individual probe in free air @ ambient temperature)
 Working Travel: .170 (4,32)
 Maximum Travel: .250 (6,35)

Series	Rated Force oz (gms)	Preload oz (gms)
SH-100	4.0 (114) 6.7 (190)	1.6 (45) 2.4 (68)
SH-3	7.0 (199)	2.7 (77)
SH-4	10.0 (283)	4.0 (114)
SH-5	18.7 (531)	7.2 (204)

BeCu PLUNGER TIPS



PROBE DIMENSIONS

DIM	SH-100	SH-3	SH-4	SH-5
A	.054 (1,37)	.080 (2,03)	.093 (2,36)	.125 (3,18)
B	1.310 (33,27)	1.310 (33,27)	1.330 (33,78)	1.420 (36,07)
C	.250 (6,35)	.250 (6,35)	.260 (6,60)	.250 (6,35)
D	.060 (1,52)	.100 (2,54)	.156 (3,96)	.156 (3,96)

RECEPTACLE OPTIONS

Part Number	Style	Receptacle	Probe/Receptacle Length	Comments Combined Length	Page
RH-100-SC	Solder Cup	1.165 (29,59)	1.495 (37,97)	—	14
RH-100-WW-429	Wire Wrap	1.594 (40,49)	1.924 (48,87)	.429 post length - .025 sq.	14
RH-3-SC	Solder Cup	1.217 (30,91)	1.539 (39,09)	—	49
RH-4-SC	Solder Cup	1.219 (30,96)	1.549 (39,34)	—	50
RH-5-SC	Solder Cup	1.295 (32,89)	1.620 (41,15)	—	51

HOW TO ORDER: SPRING CONTACT PROBE

SH **100** **A** **4** **G**
 SERIES SIZE TIP STYLE SPRING FORCE PLATING OPTION

SIZE:
 SH-100 - .100 (2,54) centers
 SH-3 - .125 (3,18) centers
 SH-4 - .156 (3,96) centers
 SH-5 - .187 (4,75) centers

Spring Force @ .170 (4,32) travel:
 Size SH-100 - 4.0 oz. SH-3 - 7.0 oz.
 6.7 oz. SH-4 - 10.0 oz.
 SH-5 - 18.7 oz.

RECEPTACLE

RH **100** **SC**
 SERIES SIZE TERMINATION

SIZE:
 RH-100
 RH-3
 RH-4
 RH-5

TERMINATIONS:
 SC: Solder Cup
 WW: Wire Wrap**
 **Size S-100 only

POST LENGTH:
 WW: 429

View updates of this information at www.idinet.com

Specifications subject to change without notice. Dimensions in inches (millimeters)