

SERIES S, SIZE 25 .100 CENTERS

90°

S25A

.060
(1,52)

30°

S25B

.040
(1,02)

OPTIONAL STEEL

S25C

.040
(1,02)

S25D

.050
(1,27)

90°

S25E

.060
(1,52)

S25F

.060
(1,52)

90°

S25G

.040
(1,02)

S25H

.060
(1,52)

S25HK

.075
(1,91)

S25HL

.093
(2,36)

S25J

.040
(1,02)

45°

S25K

.060
(1,52)

90°

S25LM

.060
(1,52)

60°

S25T

.060
(1,52)

S25U

.040
(1,02)

STEEL PLUNGER

S25V

.060
(1,52)

S25W

.050
(1,27)

34° 0.25 DIA.

S25X

.060
(1,52)

S25Y

.055
(1,40)

S25NT

.056
(1,42)

90°

.080
(2,03)

.060
(1,52)

.040
(1,02)

.250
(6,35)

1.310
(33,27)

.054
(1,37)

ALSO AVAILABLE IN THE ROTATOR™ OPTION

ACTUAL SIZE

SPRING FORCE @ .170 (4,32) TRAVEL OZ.(GM)	PRELOAD SPRING FORCE OZ.(GM)
4 (113)	1.5 (42)
5.5 (156)	0.9 (25)
6.7 (190)	1.5 (42)
8.0 (227)	1.8 (51)
10.0 (283)	1.8 (51)

Additional forces and materials available, consult factory.

PROBE TECHNICAL SUMMARY
Recommended Minimum Centers — .100 (2,54)
Current Rating — 3 amps continuous
Spring Force — 4, 5.5, 6.7, 8 or 10 oz. @ .170 (4,32) travel
Recommended Working Travel — .170 (4,32)
Materials —
Contact Barrel: See Probe Option Section, Page 35
Spring: Music wire, precious metal plated (Stainless Steel available in 4 and 6.7 oz.)
Plunger: Full-hard beryllium copper gold plated over nickel (or optional rhodium plated over nickel.)

25°

S25FX

.013
(0,33)

.040
(1,02)

5.5 OZ. SPRING ONLY

STEEL

10°

S25SN

.030
(0,76)

11.3 OZ. SPRING

STEEL

32°

S25SP

.040
(1,02)

STEEL

S25HT

.025 inside
(0,64)
.040 outside
(1,02)

S25H4T

.023 outside
(0,58)
.040 inside
(1,02)

S25UT

.011 inside
(0,28)
.040 outside
(1,02)

SIZE 25 MC CONNECTOR PROBE

.020
(0,51)

.027
(0,69)

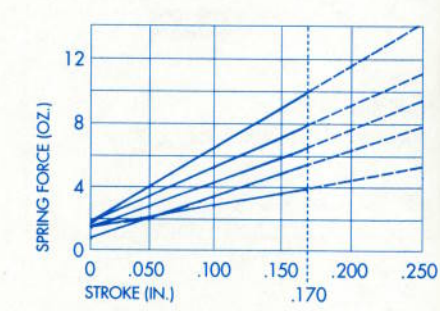
.020
(0,51)

.051
(1,30)

.128
(3,25)

1.348
(34,24)

For DIN 41612 Connector Testing



Economy Probes, Series SE
Contact Barrel: Nickel/silver.
HOW TO ORDER: SE25A 4 G

Silver Probes, Series SUE
Contact Barrel: Nickel/silver, silver plated.
HOW TO ORDER: SUE25A 4 G

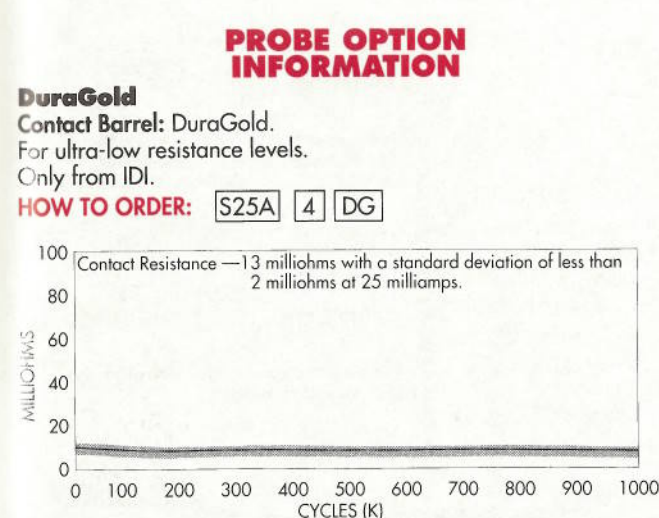
Standard Probes, Series S
Contact Barrel: Nickel/silver, gold plated.
HOW TO ORDER: S25A 4 G

RF Soldered Probe Option
Available in all series except economy.
HOW TO ORDER: S25A 4 G CS

Pylon Replacement Probe, Series SP
Specify: SP25A-4-G

The SX series probe improves pointing accuracy by a minimum of 50%. It's designed with a reduced working clearance between the plunger shaft and the inside diameter of the barrel. For more information, see the Source Book page 107.

The RX Receptacle features a long alignment bulge, detailed here, which maintains concentricity of receptacle and mounting hole during installation. For more information, see the Source Book page 107.



Resistance for DuraGold is shown on this page. See page 44 for additional resistance on Economy, Silver, Standard and RF Soldered.

HOW TO ORDER:
Order from the part numbers listed above and specify the optional characteristic of the category.

Example:
Spring Contact Probe — S25A 4 G
Rated Spring Force — 4
Plunger Plating — G

Example:
Receptacle — R25CR

TO ORDER: TEL 913-342-5544 FAX 913-342-7043

RECEPTACLE SIZE 25

Connections —
Style WW: Wire Wrapped .375 (9,53) post length standard, other lengths available
Style RP: Connector insertion
Style CR: Crimp
Style SC: Solder Cup
Recommended Crimped Wire Size: 22-26 GA

Series R, Standard
Material — Nickel/silver, gold plated
Gold plated post

Series RE, Economy
Material — Nickel/silver
Gold plated post

Dimensions as shown for Series R.

.066
(1,68)

300
(7,62)

.071
+0.003
-0.000
(1,80)

1.540
(39,12)

975
(24,77)

1.165
(29,59)

.058
(1,47)

.047
(1,19)

425
(10,80)

CRIMP

RX CRIMP

SOLDER CUP

RX SOLDER CUP

R25WW

.025 (0,64) Square Post

R25RP

.025 (0,64) Round Post

RX25WW

.025 (0,64) Square Post

RX25RP

.025 (0,64) Round Post

Drill Size: #50
Mounting Hole Size: .068/.070
(1,73/1,78)

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

SPRING CONTACT PROBE OPTIONS:

	Rated Spring Force (in oz.)
DuraGold—DG	4
Standard Probes—S	5.5
Silver Probes—SUE	6.7
Economy Probes—SE	8
RF Soldered Probes—CS (at end of number)	10
Pylon Replacement—SP	Plunger Plating (Gold)—G (Rhodium)—R
Factron Replacement—SF	
CRIMPING PLIERS — CP25	
INSERTION TOOL — RT25	