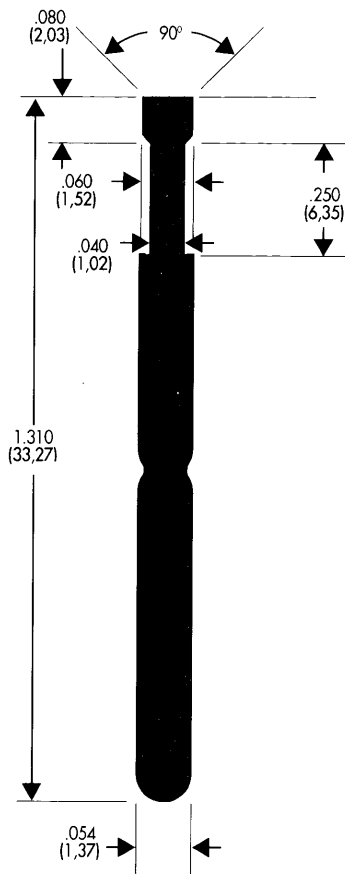


# SERIES S, SIZE 25 .100 CENTERS

SUITABLE FOR  
**SMD**  
TESTING

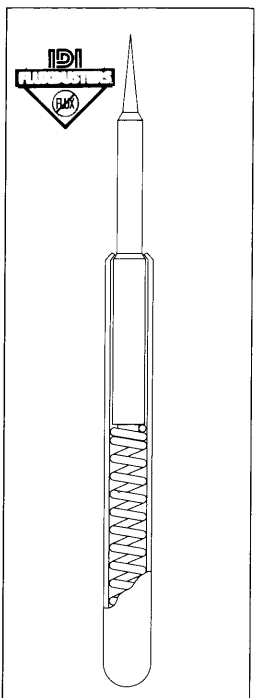
- 90°  
S25A     .060  
(1,52)
- S25B     .040  
(1,02)
- S25C     .040  
(1,02)
- S25D     .050  
(1,27)
- 90°  
S25E     .060  
(1,52)
- S25F     .060  
(1,52)
- 90°  
S25G     .040  
(1,02)
- S25H     .060  
(1,52)
- S25J     .040  
(1,02)
- 90°  
S25K     .060  
(1,52)
- 60°  
S25T     .060  
(1,52)
- S25U     .040  
(1,02)
- S25V     .060  
(1,52)
- S25W     .050  
(1,27)
- 34° 0.25 DIA.  
S25X     .060  
(1,52)
- 25°  
S25FX     .013  
(0,33)  
.040  
(1,02)
- S25Y     .055  
(1,40)
- S25HT     .025 inside  
(0,64)  
.040 outside  
(1,02)
- S25UT     .011 inside  
(0,28)  
.021 outside  
(0,53)
- 90°  
S25LM     .060  
(1,52)



ALSO  
AVAILABLE  
IN THE  
ROTATOR™  
OPTION

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.

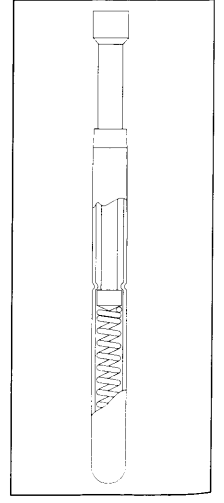
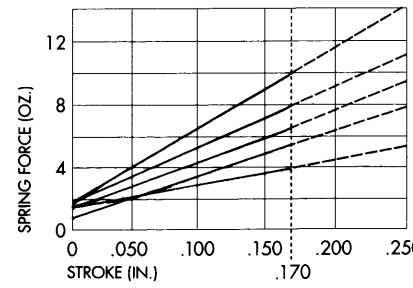


The new High Force Single Needle probe delivers a powerful 11.3 ounces of spring force. For more information, see the Flux-busters® on page 52.

**HOW TO ORDER:**  
S255N-11.3-G

**PROBE TECHNICAL SUMMARY**

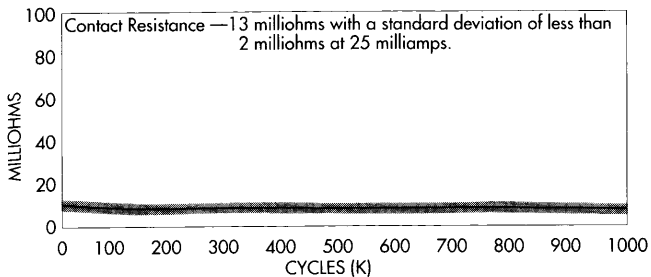
**Recommended Minimum Centers** — .100 (2,54)  
**Current Rating** — 3 amps continuous  
**Spring Force** — 4, 5.5, 6.7, 8 or 10 oz. @ .170 (4,32) travel  
**Recommended Working Travel** — .170 (4,32)  
**Materials** —  
**Contact Barrel:** See Probe Option Section  
**Spring:** Music wire, precious 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.)



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 page 63.

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

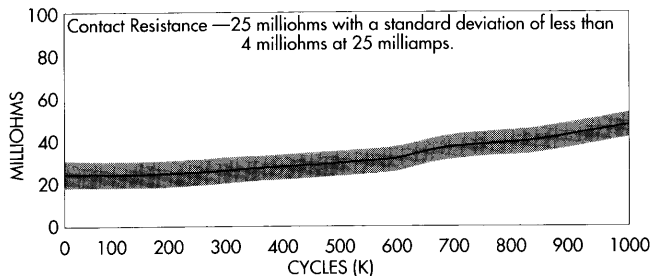
## PROBE OPTION INFORMATION



### DuraGold

**Contact Barrel:** DuraGold.  
For ultra-low resistance levels.  
Only from IDI.

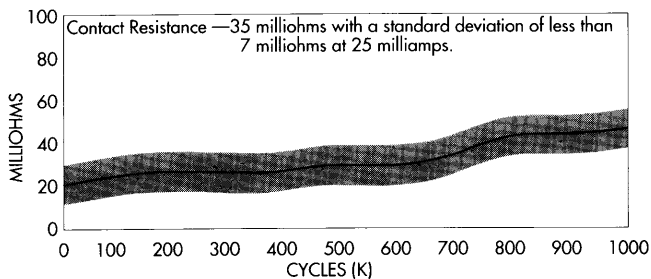
**HOW TO ORDER:**  S25A  4  DG



### Standard Probes, Series S

**Contact Barrel:** Nickel/silver, gold plated.

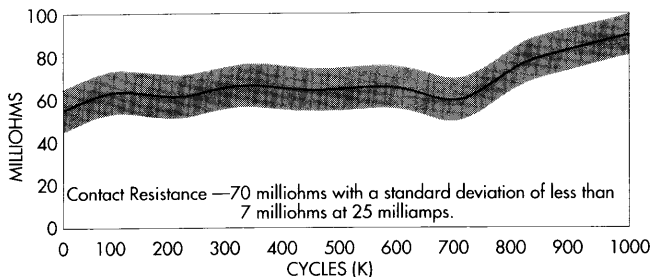
**HOW TO ORDER:**  S25A  4  G



### Silver Probes, Series SUE

**Contact Barrel:** Nickel/silver, silver plated.

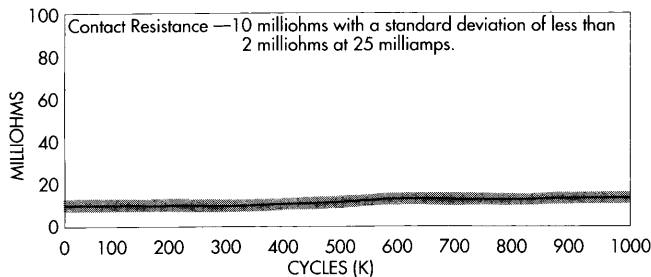
**HOW TO ORDER:**  SUE 25A  4  G



### Economy Probes, Series SE

**Contact Barrel:** Nickel/silver.

**HOW TO ORDER:**  SE25A  4  G



### RF Soldered Probe Option

Available in all series except economy.

**HOW TO ORDER:**  S25A  4  G  CS

## 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

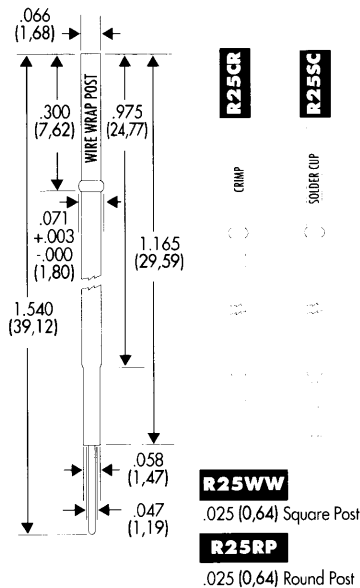
### Series R, Standard

**Material —** Nickel/silver, gold plated  
Gold plated post

### Series RE, Economy

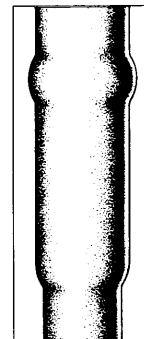
**Material —** Nickel/silver  
Gold plated post

Dimensions as shown for Series R.



**Drill Size:** #50

**Mounting Hole Size:** .068/.070  
(1,73/1,78)



The RX Receptacle features a long alignment bulge, detailed here, which maintains concentricity of receptacle and mounting hole during installation. For more information, see page 62.

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

## 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  
Plunger Plating —  R25CR

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

## SPRING CONTACT PROBE OPTIONS:

DuraGold—DG—4 Rated Spring Force (in oz.)—4  
Standard Probes—S (in oz.)—5.5  
Silver Probes—SUE (in oz.)—6.7  
Economy Probes—SE (in oz.)—8  
RF Soldered Probes—CS (in oz.)—10  
Plunger Plating  
(Gold)—G  
(Rhodium)—R

CRIMPING PLIERS — CP25  
INSERTION TOOL — RT25