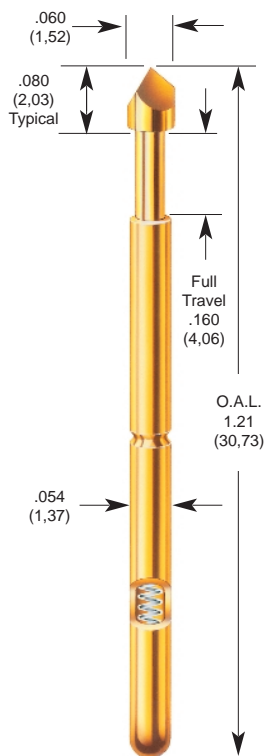
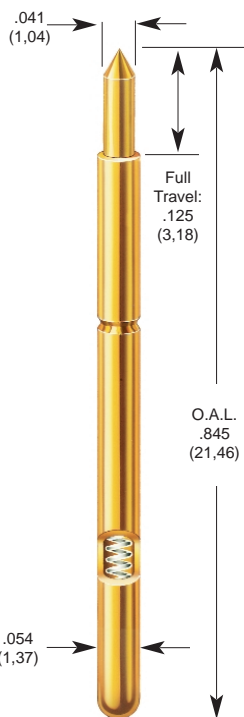


FRP-25T GSP-2B



For Factron Series 300/700
FRP-25T



For GenRad 227/82/73
GSP-2B

Note: The GSP-2BP is designed for use in receptacles without detents.

ATE Receiver Probes

SPECIFICATIONS

PROBE SERIES	FRP-25T	GSP-2B
Application:	The FRP-25T is designed for use in Schlumberger (Factron) tester interfaces	The GSP-2B is designed for use in GenRad tester interfaces
Mechanical Full Travel:	.160 (4,06)	.125 (3,18)
Operating Temperature:	-55°C to +105°C Consult factory for other temperature requirements, and applications below -40°C	-55°C to + 130°C
Electrical (Static Conditions) Current Rating: Maximum continuous current, non-inductive at working travel	5 amps	5 amps
Probe Resistance:	35 mΩ With a standard deviation of <5 mΩ @ 25 mA test current	35 mΩ
Materials and Finishes Plunger:	Heat-treated beryllium copper, gold plated over hard nickel	Heat-treated beryllium copper, gold plated over hard nickel
Barrel:	Work-hardened phosphor bronze, gold plated over hard nickel	Work-hardened nickel silver, gold plated (I.D. and O.D.) over hard nickel
Spring:	Music wire, gold plated	Beryllium copper, silver plated

RECEPTACLE SPECIFICATIONS (Uses Insertion Tool #ARIT54)

Materials and Finishes Housing:	Work-hardened nickel silver, gold plated over hard nickel	Work-hardened nickel silver, gold plated over hard nickel
Round Post:	Phosphor bronze, gold plated	Phosphor bronze, gold plated
Square Post:	Phosphor bronze, gold plated	Phosphor bronze, gold plated

SPRING FORCE +/- 20% IN OZ. (GRAMS)

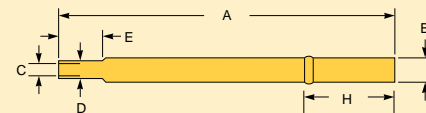
Spring Type	Preload	3/4 Travel
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To order, add dash number to Model Number.

FRP-25T	as shown	.92 (26)	4.0 (113)
GSP-2B	as shown	2.0 (57)	4.5 (128)

Optional spring forces and materials are available.

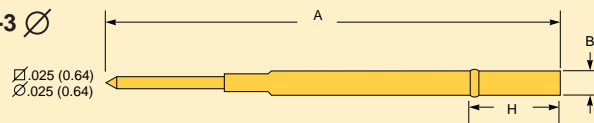
W



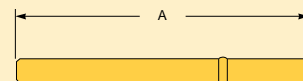
W-1



W-2 \square W-3 \circ



Y



Receptacle Dimensions

	A	B	C	D	E
SPR-25W	1.15(29,21)	.066(1,68)	.048(1,22)	.058(1,47)	.180(4,57)
SPR-25W-1	1.19(30,23)	.066(1,68)	.048(1,22)	.058(1,47)	.180(4,57)
SPR-25W-2	1.69(42,93)	.066(1,68)	Square Post = .025(0,064)		
SPR-25W-3	1.56(39,62)	.066(1,68)	Round Post = .025(0,064) DIA.		
SPR-2W	.930(23,62)	.066(1,68)	.048(1,22)	.058(1,47)	.20(5,08)
SPR-2W-1	.950(24,13)	.066(1,68)	.048(1,22)	.058(1,47)	.20(5,08)
SPR-2W-2	1.45(36,83)	.066(1,68)	Square Post = .025(0,064)		
SPR-2W-3	1.32(33,53)	.066(1,68)	Round Post = .025(0,064) DIA.		
SPR-2Y	.735(18,67)	.066(1,68)			

SPR-25 and SPR-2 Series press ring diameter is typically .070 (1,78)

H dimension SPR-25 Series = .300 (7,62) and SPR-2 Series = .240 (6,09)