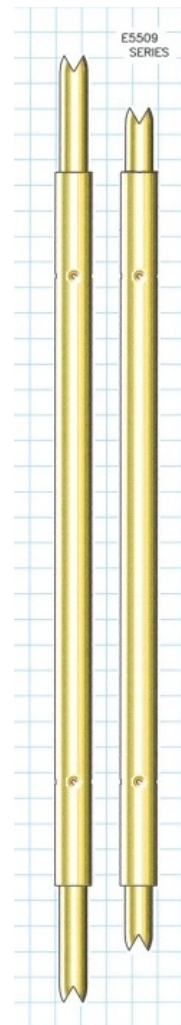


**FEATURES**

- 30g or 100g operating spring force
- 30 milliOhms contact resistance
- 4 GHz Bandwidth (Calculated)
- 5 Amp DC Current Max

**GENERAL DESCRIPTION**

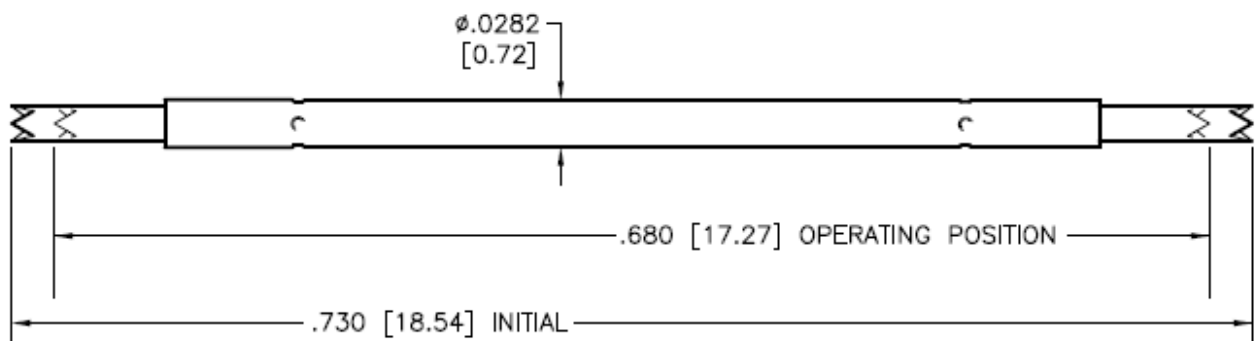
The E5509 spring probe from Signal Integrity Inc. is designed to meet the rigorous test requirements driven by high power and high reliability requirements. Along with speed and accuracy, these probes are designed to operate at pitches to 1.0mm, specifically for the semiconductor probe tower applications these markets demand.


**SERIES E5509 MODELS: ORDERING INFORMATION**

E5509 Series Interface Pin					
Model	Length Operating / initial inch [mm]	DUT Plunger and Plating	Interface Plunger	Spring	Operating Spring Force
E5509-A1	.680 [17.27] / .730 [18.54]	Crown - Gold	Crown	Stainless Steel	100 Grams
E5509-B2		Conic - Gold	Conic		
E5509-C3	.670 [17.00] / .730 [18.54]	Crown - Gold	Crown		30 Grams
E5509-D4		Conic - Gold	Conic		

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**MECHANICAL DIMENSIONS**  
INCHES [MM]



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