

# RC Springprobe™



Scalable Solutions for LGA, BGA and Board Connections Down to .4mm Pitch

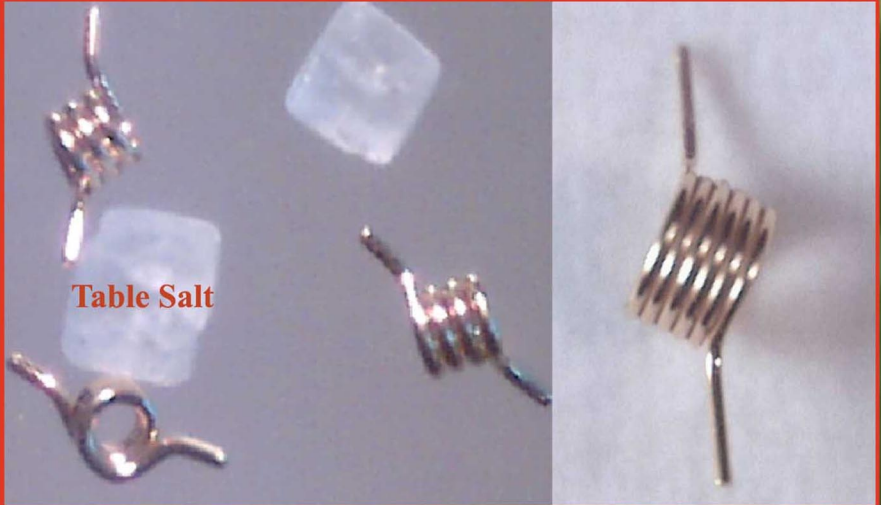


The Ultimate in Flexibility for Custom Multi-GHz Test Sockets & Connector

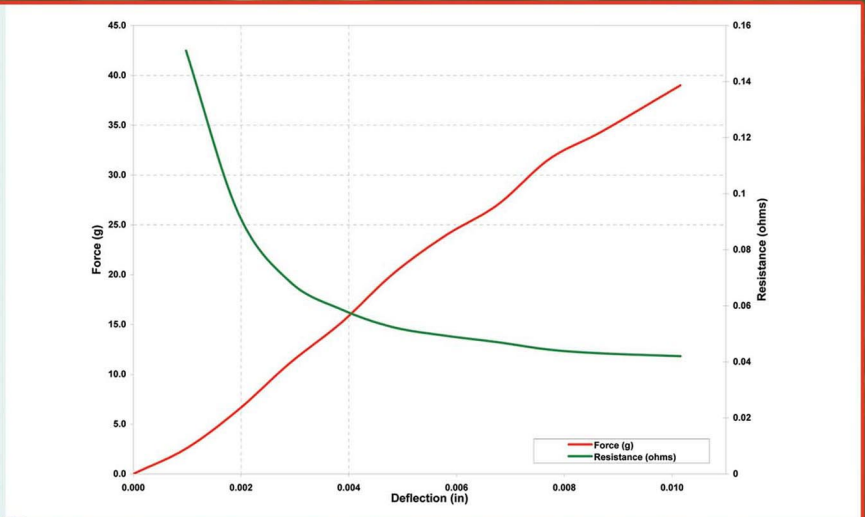
**Density & Scalability**  
 Down to .4mm Pitch in Area Array  
 As short as .9mm Mated Height  
 Infinite Variations in Length, # of Coils,  
 Diameter & Wire Diameter

**Bandwidth & Electrical Performance**  
 As high as 37 GHz at -1dB  
 As low as .5 nH Self-Inductance

**Cost & Simplicity**  
 Simple Wire Form Shape  
 Standard Metallurgy, Materials, Plating  
 Modular Design for Easy Repair/Maintenance



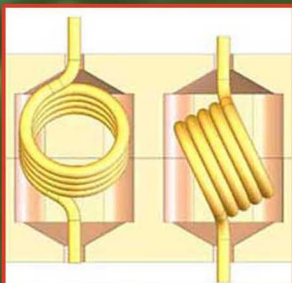
AC Performance at .5mm Pitch



Force vs. Deflection vs. Resistance at .8mm Pitch

## Scalable Design For Optimal Performance

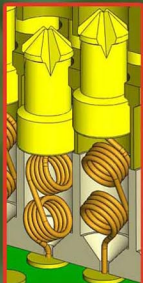
RC Springprobe Only



With Element



2-Coil Version



**Production Proven  
 In Advanced Applications**