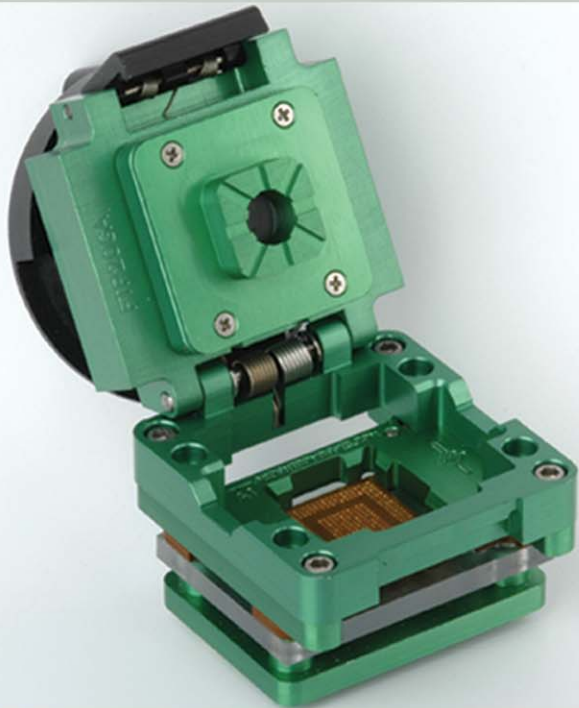




SPECIFICATION SHEET



- Up to 2000+ Nodes
- Down to .3mm Pitch
- Match to Existing Board Footprints
- Consistent DC Resistance
- Multi-GHz Performance
- Durable Contact Technology
- Lower Cost Than Legacy Solutions

RC Springprobe™

Scalable Compliant Interconnect Technology

Offered in a broad range of standard and custom designed connectors and sockets for cellular, wireless LAN, Bluetooth Wireless, GPS and Satellite Radio IC's, RC Springprobe Technology is a reliable discrete node, z-axis interconnect solution for RF test.

RC Springprobe connectors, contactors and Interposers are available for characterization, system level test, RF Test, and other demanding applications.

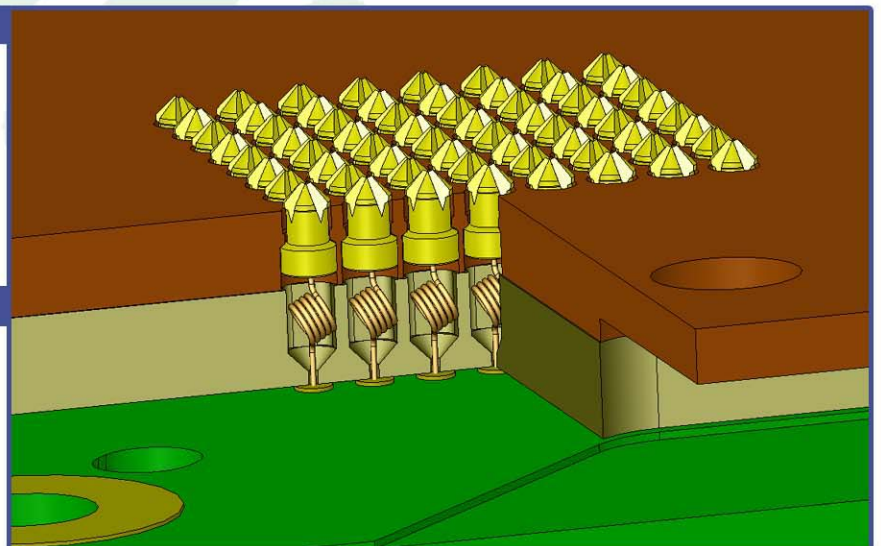
Ardent Concepts is focused on increasing the electrical efficiencies and reducing connector costs. Ardents RC Springprobe Technology is robust, scalable and cost effective. This versatile compliant contact technology increases AC accuracy, lowers connector cost and provides reliable performance from development to production.

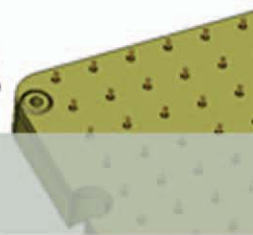
FEATURES

- Patented RC Springprobes
- Discrete Nodes/All Metal
- Low Self-Inductance
- Consistent Resistance

BENEFITS

- Scalable Pitch/Versatile Solutions
- Highly Reliable Contact
- Better Signal Integrity
- Known Discrete Resistance





SPECIFICATION SHEET

MECHANICAL SPECIFICATIONS

Pitch	.3mm - 1.27mm
Mated Height	As Low As 1.46mm
Force Per Pin	10-60g
Mating Cycles	10,000+

ELECTRICAL SPECIFICATIONS

Current Rating	2 amps
Self Inductance	As low as .5nH
<-1 dB Bandwidth	Up To 37 GHz
DC Resistance	As low as 30 milliohms

ENVIRONMENTAL

Temp	-40 to 155 C
Shock and Vibration	25 Gs, No Disconnect

info@ardentconcepts.com