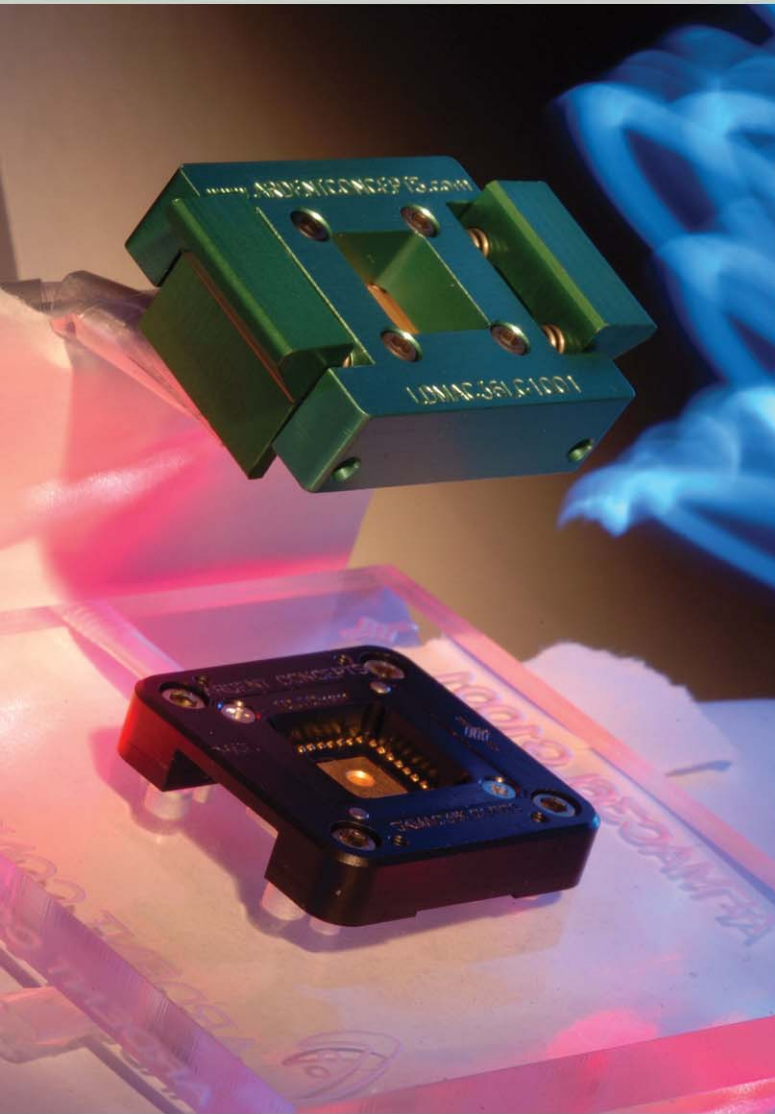
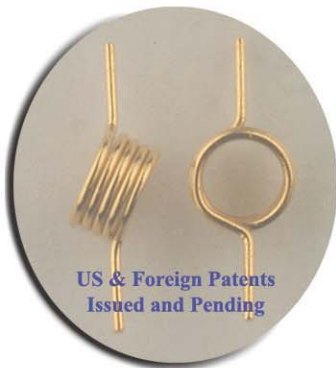


High Speed QFN/MLF Test Contactors



- Robust RC Spring Probe Contact Technology**
- Low Cost Per Position**
- Multi-GHz Bandwidth Capability**
- Standard Package & Custom Configurations**
- Easy Maintenance and Parts Replacement**
- Consistent Resistance**
- Down to .4mm Contact Pitch**
- Completely Scalable**
- Family Contactors with 2 Week Lead Times**

RC Spring Probe Scalable Compliant Interconnect Technology



Offered in a broad range of standard and custom designed contactors and sockets for cellular, wireless LAN, Bluetooth Wireless, GPS and Satellite Radio ICs, RC Spring Probe Technology is a reliable discrete node, z-axis interconnect solution for high speed testing.

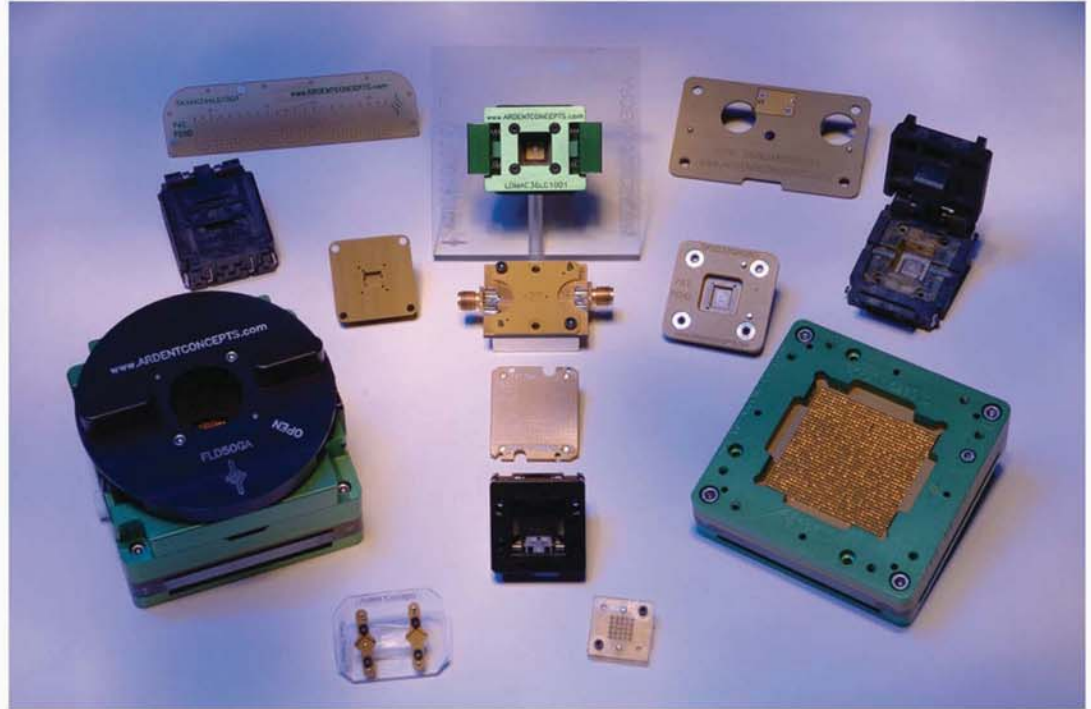
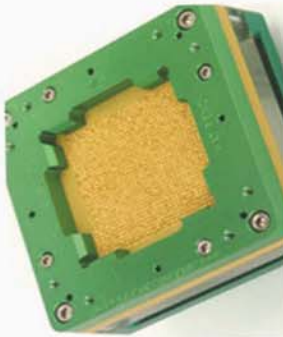
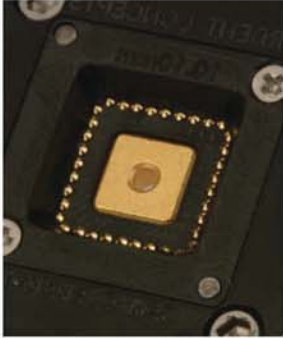
RC Spring Probe sockets, contactors and interposers are available for manual and automated testing, system level test, and characterization solutions.

Ardent Concepts is focused on increasing electrical efficiencies and reducing connector costs. Ardent's RC Spring Probe technology is robust, scalable, and extremely cost effective. This extremely versatile compliant contact technology increases RF accuracy, lowers contactor cost, and provides reliable performance from development to production.

High Speed QFN/MLF Test Contactors

High Performance Test Contactors and Sockets for RF Applications

Ardent Concepts offers a complete family of high performance contactors for QFN, Dual Row QFN and peripheral lead devices. Suitable for the most demanding RF testing applications, these high-performance, electrically efficient contactors are ideal for multi-GHz devices. This highly robust solution offers extremely consistent resistance, lower force, and exceptional signal integrity.



Features

- Patented Compliant RC Contacts
- Discrete nodes, all-metal
- Low Self-Inductance
- Consistent Resistance

Benefits

- Scalable Pitch, Versatile Solutions
- Highly Reliable Contact
- Better Signal Integrity
- Known Discrete Node Resistance Measurements

Mechanical

Pitch	0.40 - 1.27 mm
Test Height	0.32 - 2.00 mm
Full Travel	0.05 - 0.64 mm
Recommended Travel	0.10 - 0.50 mm
Overall Length	0.36 - 2.50 mm
Contact Force	10 - 45 grams

Electrical

Current Rating	Up to 2.5 amps
Self-Inductance	Down to .5 nH
Characteristic Impedance	56 ohms
<-1dB Bandwidth	Up to 24 GHz
DC Resistance	<50 milliohms