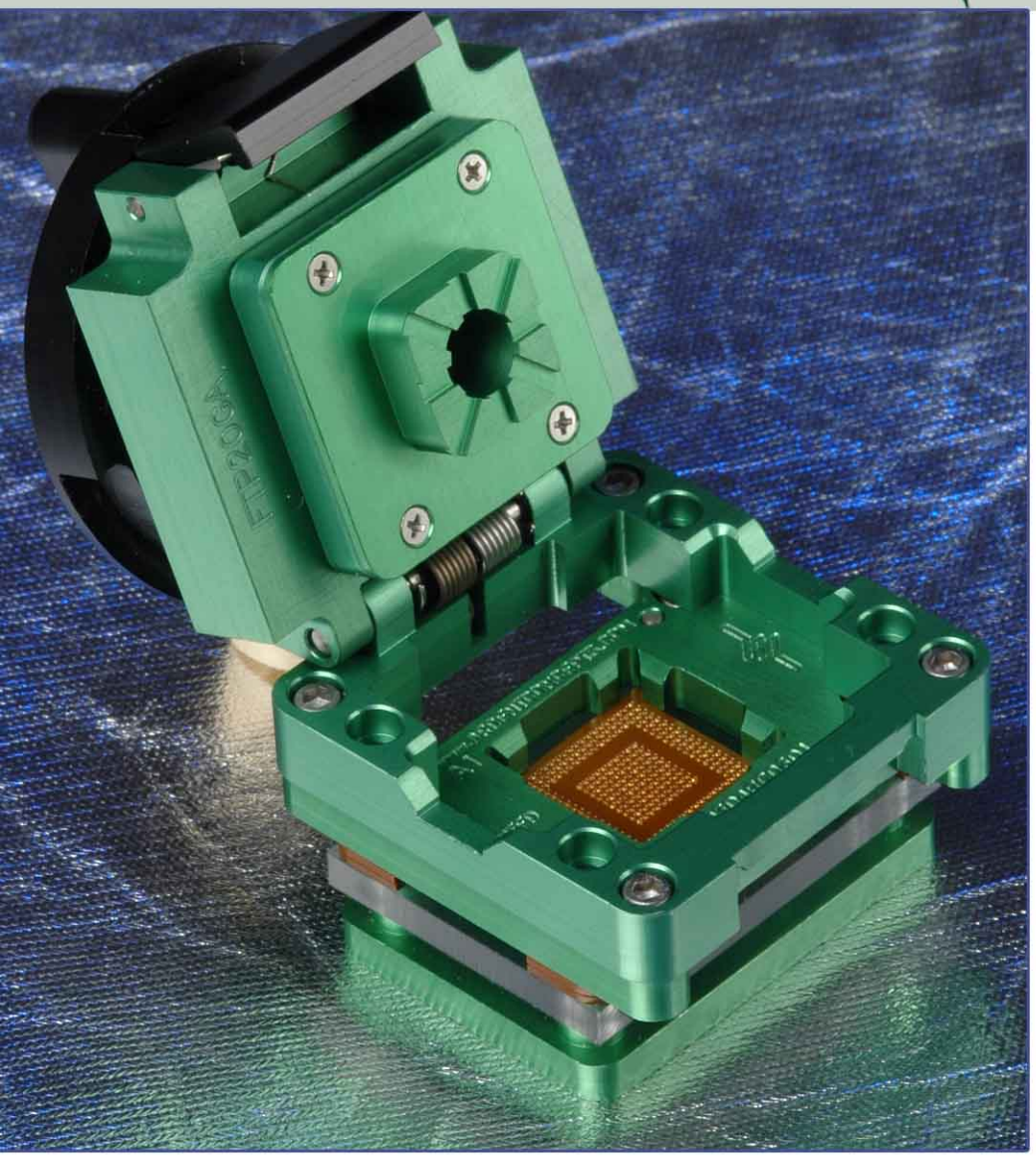
ARDENT CONCEPTS, INC.
Innovative Interconnect Solutions

High Performance BGA/LGA Test Contactors



Thousands of Positions

Low Cost Per Position

Multi-GHz Performance

Down to .4mm Pitch

Versatile/Scalable Designs

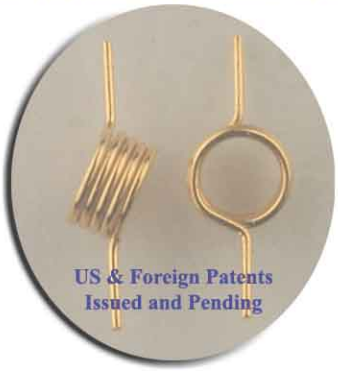
Consistent DC Resistance

Durable Contact Technology

Family Contactors with 2 Week Lead Times

RC Springprobe™

Scalable Compliant Interconnect Technology



US Patent #s 6,787,709, 6,909,056, 7,019,222, 7,126,062

Offered in a broad range of standard and custom designed connectors and sockets for cellular, wireless LAN, Bluetooth Wireless GPS and Satellite Radio ICs, 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 electrical efficiencies and reducing connector costs. Ardent's RC Springprobe™ technology is robust, scalable, and cost effective. This versatile compliant contact technology increases AC accuracy, lowers connector costs, and provides reliable performance from development to production.

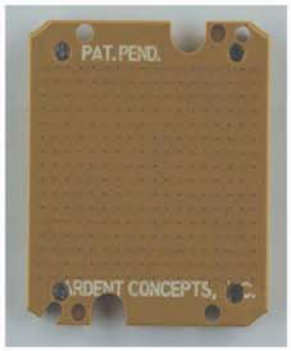
www.ardentconcepts.com 4 Merrill Industrial Drive Hampton Beach New Hampshire 03842 (603) 926-2517 f (603) 926-2518

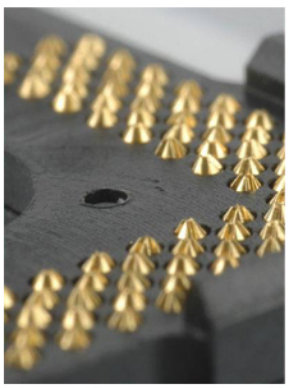
ARDENT CONCEPTS, INC.
Innovative Interconnect Solutions

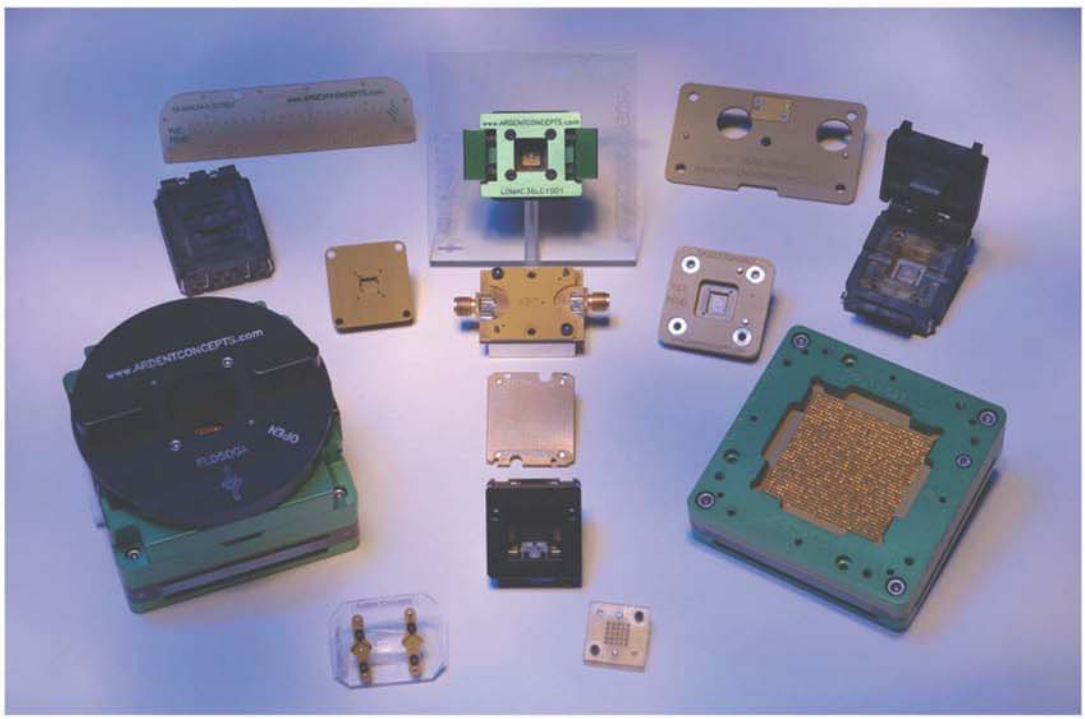
High Performance BGA/LGA Test Contactors

Scalable High Speed Test Sockets and Contactors for RF Applications

Ardent Concepts designs high performance contactors for LGA, BGA and other area array devices. Suitable for the most demanding RF applications, multi-GHz Ardent test contactors feature patented RC Springprobe™ technology. Ardent test sockets and contactors exhibit low insertion loss, low force, extremely consistent resistance, and exceptional signal integrity.







Features

Patented RC Springprobes™
All Metal Discrete Node
Low Self-Inductance
Consistent Resistance

Benefits

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

Mechanical

Pitch	0.04mm
Free Length	0.91mm
Test Height	0.81mm
Force Per Pin	20-60g
Test Cycles	100,000+

Electrical

Current Rating	Up To 2.5 amps
Self-Inductance	Down to 0.5 nH
Characteristic Impedance	56 ohms
<-1 dB Bandwidth	To 37 GHz
DC Resistance	< 50 milliohms

Environmental

Temp	-40 - 155° Celsius
Shock & Vibration	25Gs, No Disconnect

www.ardentconcepts.com 4 Merrill Industrial Drive Hampton Beach New Hampshire 03842 (603) 926-2517 f (603) 926-2518