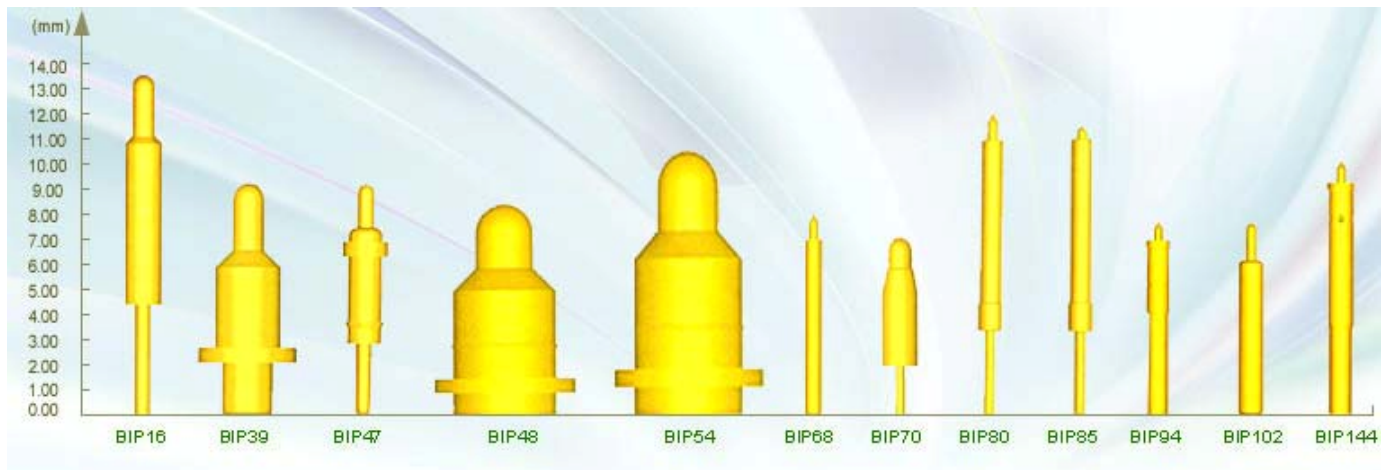




2 CLEMENTS CLOSE, SPENCERS WOOD, READING, RG7 1HJ U.K.  
 TEL: +44-118-9329293 FAX: +44-705  
 3491822

**Battery Interconnect Probes**



BIP Series	Dia (mm)	Total Length (mm)	Length of tip (mm)
BIP16	1.60	13.50	2.50
BIP39	2.28	9.02	2.62
BIP47	1.20	9.00	1.50
BIP48	3.50	8.68	2.15
BIP54	1.67	10.68	4.15
BIP70	1.50	7.00	1.00
BIP80	0.80	12.00	1.00
BIP85	0.80	11.50	0.50
BIP94	0.88	7.83	0.78
BIP102	1.02	7.80	1.50
BIP114	1.14	10.03	1.14



**2 CLEMENTS CLOSE, SPENCERS WOOD, READING, RG7 1HJ U.K.  
TEL: +44-118-9329293 FAX: +44-705 3491822**

## **APPLICATION OF BATTERY CONTACT PINS**

Battery Contact Pins allow for a higher and consistent spring force that will remain the same from the first cycle to the 500,000th cycle. They are extremely rugged and compact. And they often have a flange for PCB mounting via reflow solder process or to insure proper location for surface mount application.

### **Applications areas include:**

- Medical •Military
- Aerospace •Automotive

Typical Inter-connection using our Battery Contact pins include:

- The connection between a mobile radio or cell phone and its battery
- The connection between a camera and a lens
- The connection from the motherboard to a battery in a notebook computer
- A switching device between internal and the external antenna of a mobile radio

### **Our Battery Contact pins feature:**

- Current rating as high as 3 amps
- Contact resistance as low as 30-40 milliohms
- Long electro-mechanical life span from min 0.5 million up to 1 million cycles
- Very compact, probes, as short as 2.54mm (100mil) are available
- Spring force Range from 1.0 oz - 9.0 oz

Our Battery contact pins are always reliable and perform consistently.