

### Battery Interconnect Probes

ECT has a full service battery probe product line with over 40 different standard designs in-stock to reduce lead times for our customers. All standard probes have proven reliability to meet our customers needs.

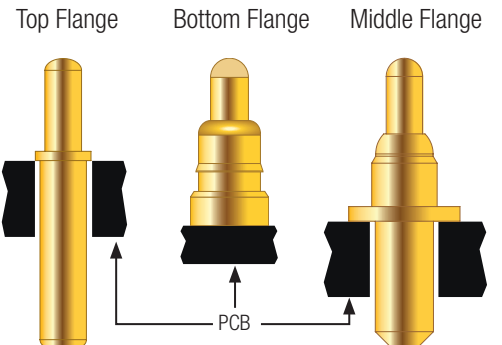
Mounted directly to a PCBA by means of surface mount or through hole, alone or in a non replaceable housing, battery probes must be consistent, endure long life, provide low resistance and offer electrical and mechanical compliance. ECT battery probes offer all of these advantages in both our catalog probes and our custom designed probes.

With thousands of design options, ECT battery probes offer the flexibility to match project costs, performance, and assembly requirements. Design options include: multiple end configuration, high to low spring force, durability for long cycle life, and bias design for reliable contact.

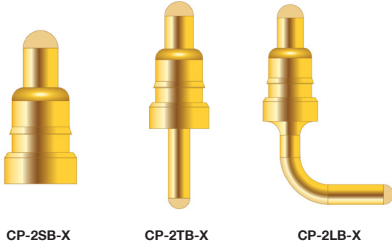
### Battery Probe Benefits

- 100,000 cycle life ratings
- Up to 10 Amp current ratings
- As low as 16mOhms resistance ratings
- Design flexibility to match your performance, cost and assembly requirements.
- Superior durability in harsh environment
- ECT battery probes can be molded into a housing and soldered either to mating PCB or terminal.
- Limitless customization

### Mounting Options



**CP-2**



CP-2SB-X CP-2TB-X CP-2LB-X

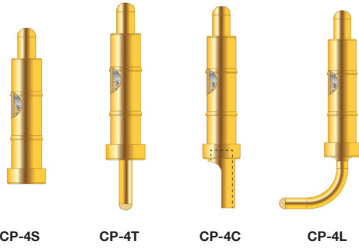
**Mechanical**

Spring Force in oz. (grams): 0.66 (18.7) - 0.95 (26.9)  
Recommended Travel: 0.030 (0.75) - 0.118 (3.00)  
Operational Temperature: -55°C to + 150°C

**Electrical**

Current Rating DC: 5 amps  
Average Probe Resistance: 50 mOhms  
Mechanical Life: > 100k cycles

**CP-4**



CP-4S CP-4T CP-4C CP-4L

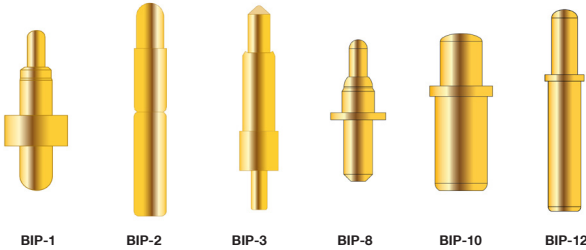
**Mechanical**

Spring Force in oz. (grams): 2.50 (70.87)  
Recommended Travel: .060 (1.52)  
Operational Temperature: -55°C to + 150°C

**Electrical**

Current Rating DC: 10 amps  
Average Probe Resistance: < 25 mOhms  
Mechanical Life: > 100k cycles

**BIP**



BIP-1 BIP-2 BIP-3 BIP-8 BIP-10 BIP-12

**Mechanical**

Spring Force in oz. (grams): .30 (8.5) - 2.40 (68.0)  
Recommended Travel: .050 (1.27) - .394 (10.00)  
Operational Temperature: -55°C to + 150°C

**Electrical**

Current Rating DC: 5 amps  
Average Probe Resistance: < 16 mOhms - < 30 mOhms  
< 100mOhms, Stainless Steel  
Mechanical Life: > 100k cycles

**CCA**



CCA-003 CCA-004 CCA-006

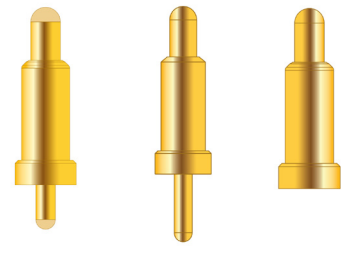
**Mechanical**

Spring Force in oz. (grams): 0.83 (24.0) - 1.27 (36.0)  
Recommended Travel: 0.040 (1.02)  
Operational Temperature: -35°C to + 150°C

**Electrical**

Current Rating DC: 10 amps  
Average Probe Resistance: < 50 mOhms  
Mechanical Life: > 100k cycles

**CP-059**



CP-059-019 CP-059-025 CP-059-026

**Mechanical**

Spring Force in oz. (grams): 0.81 (23.0) - 1.63 (46.0)  
Recommended Travel: 0.040 (1.02)  
Operational Temperature: -55°C to + 150°C

**Electrical**

Current Rating DC: 10 amps  
Average Probe Resistance: < 25 mOhms  
Mechanical Life: > 100k cycles