

### Your Solution for Analog / Mixed Signal / RF Testing

The HERØHC™ Contactor featuring High Compliance Spring Probes is a cutting-edge test solution engineered to meet the stringent requirements of modern test environments. This probe offers exceptional performance and durability, ensuring accurate and reliable testing results.

**High Compliance:** The probe's advanced design allows for superior compliance, enabling it to maintain contact with test points even in challenging conditions. Overcome package variations such as housing bow, non-coplanarity and package warp.

**Reliability:** Built with high-quality materials, HERØHC™ offers long-term reliability and consistent performance, reducing downtime and maintenance costs.

**Durability:** With a robust construction, HERØHC™ is capable of withstanding frequent use in demanding test environments, ensuring a long service life.

**Compatibility:** The probe is compatible with a wide range of test equipment, making it a versatile solution for various testing applications.

HERØHC™ is a test solution that delivers exceptional performance, reliability, and precision. It is an ideal choice for test engineers seeking a high-quality probe for their testing needs.

Contactors are available for Engineering test/ characterization with a Manual Actuator and are ready for high-volume automated testing.

### Electrical Specifications

- Contact Resistance: <100mΩ
- CCC: 1.5A - 3.0A
- -1dB Insertion Loss\*: up to 40GHz
- -10dB Return Loss\*: up to 38GHz

\*GSG - Pitch and housing material dependent

### Mechanical Specifications

- Test Height: 2.5mm
- Contactor Life: 2M cycles
- Contact Pin Life: 500,000 cycles
- Temp Rating: -65° to 175°C\*
- Floating Alignment Plate Compatible

\*Mechanical life performance will degrade at operating temperatures above 155°C.

**Improved Test Accuracy:** High compliance and precision ensure accurate test results, enhancing overall test quality.

**Increased Efficiency:** HERØHC's™ reliability and durability reduce downtime, allowing for more efficient testing processes.

**Versatile Application:** Compatible with various test equipment, the HERØHC™ offers flexibility for diverse testing requirements.



Crown Tip  
BGA, WLCSP

|       | Force at TH <sup>1</sup> | Total Stroke |
|-------|--------------------------|--------------|
| HC080 | 30g                      | 0.700mm      |
| HC050 | 28g                      | 0.750mm      |
| HC040 | 23g                      | 0.650mm      |
| HC030 | 16g                      | 0.550mm      |