

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

HERØHF™ is a solution designed for test engineers working with high-frequency applications. This contactor offers unparalleled performance and reliability, making it an essential tool for demanding test environments.

**High Frequency Capability:** The contactor is engineered to handle high-frequency signals with minimal signal loss, ensuring accurate and reliable test results.

**Spring Probe Design:** Utilizing high-quality spring probes, the contactor offers optimal contact force to maintain reliable contact with test points.

**Low Insertion Loss:** The contactor's design minimizes insertion loss, preserving signal integrity and ensuring accurate measurement data.

**Durable Construction:** Built with robust materials, the contactor is capable of withstanding frequent use in challenging test environments.

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

- Suitable for BGA, LGA, QFN, and WLCSP applications.
- Designed with single-ended architecture to minimize Cres variability.
- Easy in-line cleaning with Pd alloy probe tips that stick out further than the competition.
- Very good compliance with a 1mm Test Height.
- All 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: 1.9A - 100% Duty Cycle
  - -1dB Insertion Loss\*: up to 90GHz
  - -10dB Return Loss\*: up to 90GHz
- \*GSG - Pitch and housing material dependent

### Mechanical Specifications

- Test Height: 1.0mm
- Contact Pin Life: 500,000 cycles
- Temp Rating: -65° to 175°C\*
- Pitches down to 0.3mm

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

	Force at TH	Total Stroke
HF050	24g	0.320mm
HF040	16g	0.300mm
HF030	16g	0.300mm

