HERØHF®
High Frequency Test Solution

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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: -65º to 175ºC*
- Pitches down to 0.3mm

*Mechanical life performance will degrade at operating temperatures above 155ºC.

	Force at TH	Total Stroke
HF080	21g	0.310mm
HF050	25g	0.320mm
HF040	20g	0.300mm
HF030	16g	0.300mm

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