

HERØHC™

High Compliance Test Solution

03MAR2025 REV. 7.4

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.

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.

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
- 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.



Crown Tip
BGA, WLCSP

	Force at TH ¹	Total Stroke
HC080	36g	0.700mm
HC050	31g	0.750mm
HC040	23g	0.650mm
HC030	24g	0.550mm

Johnstech®

Johnstech International Corporation • 1210 New Brighton Boulevard • Minneapolis, MN 55413-1641 USA
Tel 612.378.2020 • Fax 612.378.2030 • www.johnstech.com • E-mail info@johnstech.com

© Copyright 2024, Johnstech International Corporation. Specifications subject to change without notice. No part of this document may be reproduced in any form or by any means, electronic or mechanical, including photocopying, recording or by any information storage or retrieval system, without expressed written permission from Johnstech. Johnstech and Johnstech logo are registered trademarks in the USA and other countries. Johnstech products and components are covered by patents and copyrights in the USA and other countries. All other trademarks not owned by Johnstech, which appear within are the property of their respective owners. Please see, www.johnstech.com/IP for patent information.