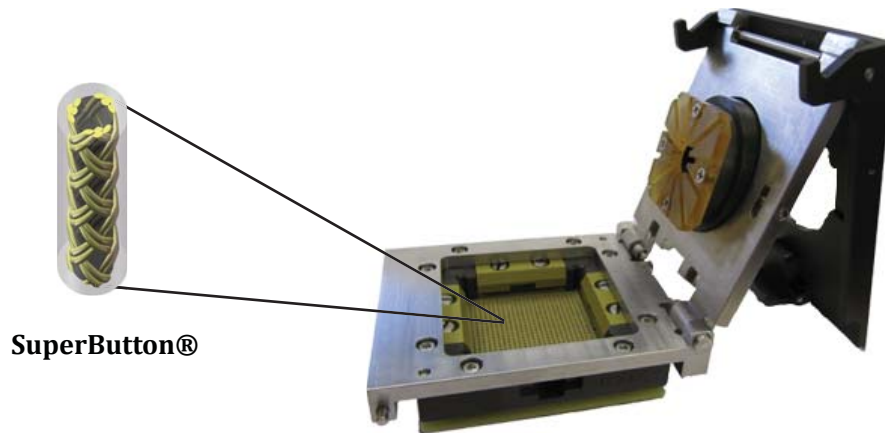


LGA & BGA SuperButton[®] Sockets for Prototyping, Validation, and Test

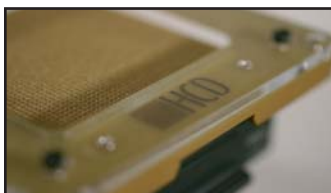
Overview

HCD's LGA & BGA engineering and test sockets address prototyping, validation, programming, burn-in, and final test applications. Incorporating proprietary SuperButton[®] connector technology, HCD's sockets offer unparalleled design flexibility and uncompromising electrical and mechanical performance. The SuperButton[®] technology is ideal for high frequency, high current carrying capacity and high density applications, and is a preferred choice for production socket applications.



SuperButton[®]

Features	Benefits
Signal Integrity	Enhanced Electrical Performance: <ul style="list-style-type: none"> • High Frequency (up to 26GHz BW) • Low Cres (<10mOhm) • High Current Rating (up to 7A/pin continuous) • Low Inductance (<0.9 nH) • Low Crosstalk
High Density, High I/O, Low Profile	<ul style="list-style-type: none"> • # I/O in production exceeding 8,000 • Standard pitch as low 0.4mm • Low profile (as small as 0.8mm)
Solderless Z-Axis Connection	<ul style="list-style-type: none"> • Simple to use • Easy to rework • Field Upgradeable
Reliability	Unsurpassed Reliability: <ul style="list-style-type: none"> • Up to 12 redundant contact points per button • Mechanical wipe under compression • Extremely stable over time and temperature



High Connection Density, Inc.
820A Kifer Road
Sunnyvale, CA 94086

www.hcdcorp.com
sales@hcdcorp.com

408-743-9700 (phone)
408-743-9701 (fax)