



Robson Technologies, Inc. Clamshell Burn-In Test Sockets

PRODUCT OVERVIEW:

Available for QFP, BGA, QFN, LGA and most other package types from 1.0mm to 35mm and from 0.3mm to over 1.27mm pitches. RTI compression mount burn-in and HAST test sockets are a high performance, low cost, semi-custom machined alternative to injection molded burn-in sockets. These reliable test sockets use a clam-shell lid design with a floating z-axis pressure plate allowing for tolerances in package thickness. Multiple types of spring pins and elastomeric contact studs are available for these test sockets tailored to electrical and environmental test requirements. Lower cost pins are available for DC burn-in applications. The pins have a high spring force suitable for lead-free packages.

SOCKET FEATURES:

- ◆ Temperatures from -55°C to +150°C
- ◆ Contact force: 25-40gms
- ◆ Low contact resistance
- ◆ High current options available
- ◆ Long lifespan and insertions
- ◆ High performance plastics and aluminum
- ◆ 0.3mm to over 1.27mm pitch
- ◆ Most all package types supported including die level
- ◆ Clam-Shell hinged lid with z-axis pressure plate
- ◆ No additional tooling Fees
- ◆ Small footprint to maximize sockets per board
- ◆ Fast standard turnaround, expedites available

