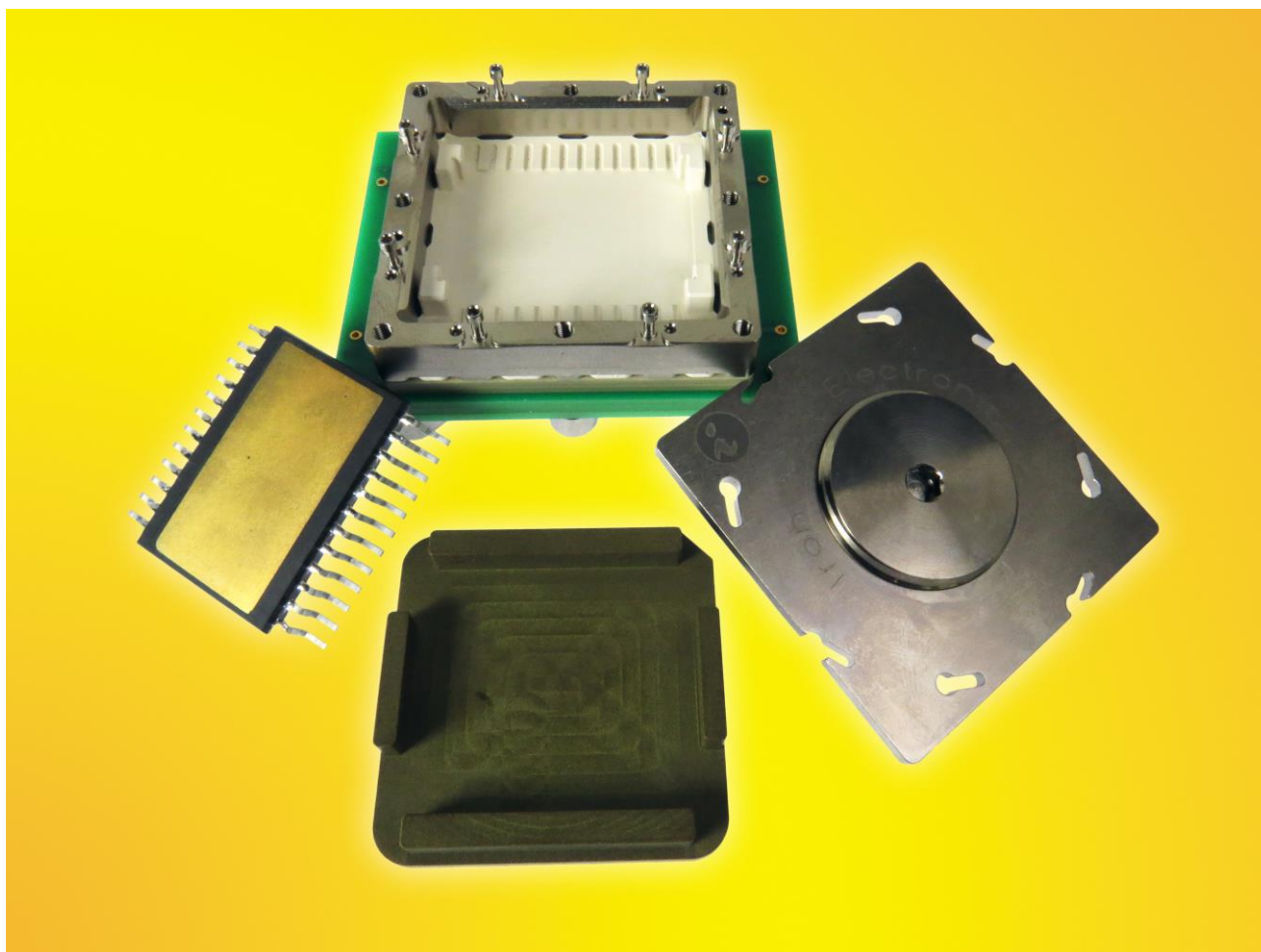


### Stamped Spring Pin Socket for 3mm pitch SOIC Module

*Socket your SOIC24 using Extreme Temperature Socket with Superior Electrical Performance*

EAGAN, MN - March, 2017 - Ironwood Electronics recently introduced a new socket addressing high performance requirements for Burn-in and Test applications - SBT-SOIC-2000. The contactor is a stamped spring pin with 31 gram actuation force per ball and cycle life of 125,000 insertions. The self inductance of the contactor is 0.88 nH, insertion loss of < 1 dB at 15.7 GHz and capacitance 0.097pF. The current capacity of each contactor is 4 amps at 80C temperature rise. Socket temperature range is -55 °C to +180 °C. Socket features a floating guide for precise lead to pin alignment. Socket also includes additional floating compression plate that has a cavity to accommodate mold case. The specific configuration of the package to be tested in the SBT-SOIC-2000 is SOIC, 37.5x25mm body size, 3mm pitch and 39mm lead tip to tip distance. To use, drop IC into the socket, place floating compression plate, swivel the lid, and apply down force using compression screw. This socket can be used for hand test and quick turn custom burn-in applications with the most stringent requirements.



(March, 2017)