

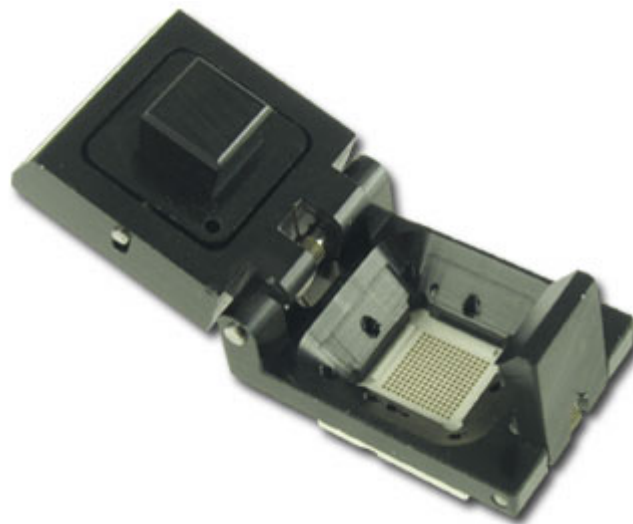


**Ironwood**  
ELECTRONICS

### **NEW 0.35mm pitch SBT Socket**

**Ironwood introduces the 0.35mm pitch SBT socket with bandwidth up to 23.5 GHz!**

EAGAN, MN – July, 2016 - Ironwood Electronics is proud to offer an extension of our SBT-BGA socket product line. CBT-BGA-3000 series were developed for 0.35mm pitch devices and have proven successful in the field. The SBT socket is a small footprint stamped spring pin socket with increased endurance and temperature ranges. 0.35mm SBT pin has 4 points crown tip for contacting BGA ball/bump. SBT pin is a stamped contact with outside spring as well as inside leaf spring that provides a robust solution for Burn-in & Test applications. The socket provides heat sinking up to several watts with custom heat sinks available for higher power dissipation. SBT is available for all package types including BGA, LGA, QFN, QFP and PoP with pitches from 0.35mm to 1.27mm.



Typical specifications for the 0.35mm pitch SBT contact technology include:

- Contact resistance <60 mOhms
- Bandwidth 23.5GHz @-1dB (measured)
- Force 8.2 grams per contact
- Operating temperature -55 °C to +150 °C
- Insertion/Extraction cycles > 50,000
- Working travel: 0.4mm
- Current rating (free air): 0.5 A

***Custom design and short lead-time is our specialty.***

(July, 2016)