

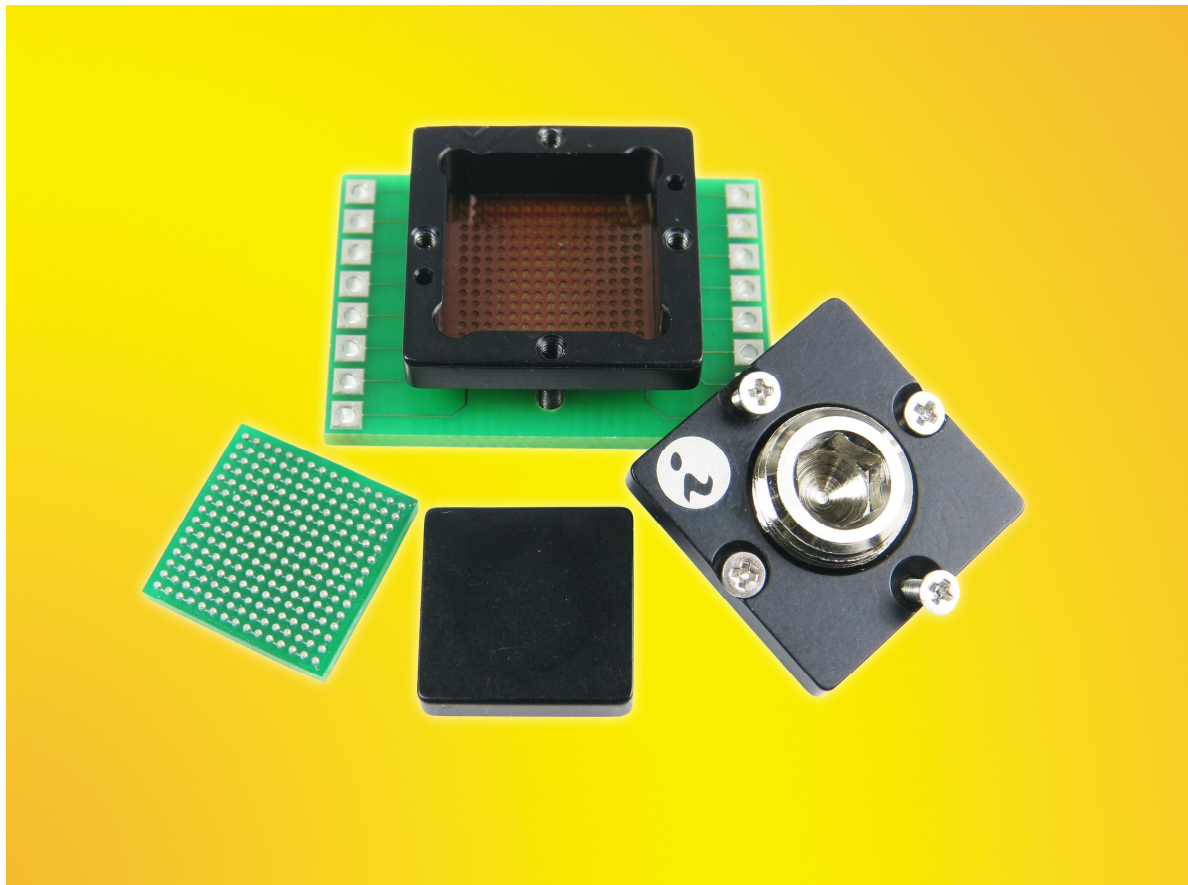


**Ironwood**  
ELECTRONICS

### **27 GHz Epoxy Mount Socket for BGA177**

***Socket your 177 ball BGA packages on any PCB without significant performance loss and with no soldering and no mounting hardware or screws***

EAGAN, MN - August, 2015 - Ironwood Electronics has recently introduced a new high performance BGA socket for 0.8mm pitch BGA 177 pin device. The SG-BGA-6434 socket is designed for an 13x13 mm package size and operates at bandwidths up to 27 GHz with less than 1dB of insertion loss. The sockets are designed to dissipate up to several watts due to aluminum structure. The contact resistance is typically 20 milliohms per pin. The socket connects all pins with 27 GHz bandwidth on all connections. The socket is mounted with a patented technology that allows for mounting with no holes in the target PCB, no soldering, and minimal footprint. It can be mounted on any existing PCB with our exclusive placement/epoxy system.



The SG-BGA-6434 sockets are constructed with high performance and low inductance elastomer contactor. The temperature range is -35 °C to +100 °C. The pin self inductance is 0.11 nH and mutual inductance of 0.028 nH. Capacitance to ground is 0.028 pF. Current capacity is 2 amps per pin.

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