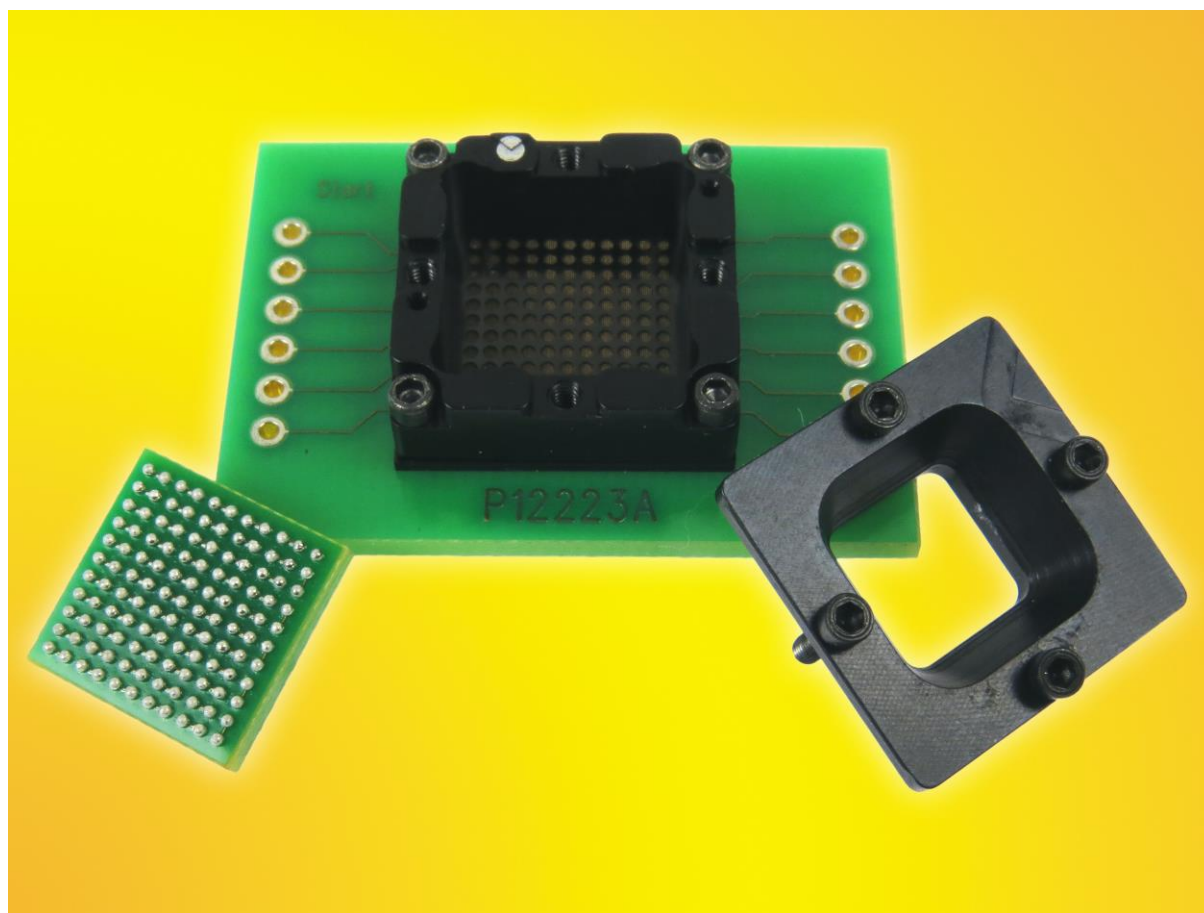


27 GHz Bandwidth Open Top Socket for BGA121

Quickly and easily Socket your 12mm square, 1mm pitch BGA121 packages on any PCB without significant performance loss

EAGAN, MN - February, 2017 - Ironwood Electronics has recently introduced a new high performance BGA socket for 1mm pitch, 121 pin BGA IC's. The SG-BGA-6457 socket is designed for IC size - 12x12mm package size and operates at bandwidths up to 27 GHz with less than 1dB of insertion loss. 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 on the target PCB with no soldering, and uses industry's smallest footprint. The socket is constructed with open top lid for access to the center of IC package. The socket comes with ball guide for the precise alignment of BGA balls to PCB pads.



The SG-BGA-6457 socket is constructed with high performance and low inductance [elastomer contactor](#). The temperature range is -35 C to +100 C. The pin self inductance is 0.15 nH and mutual inductance of 0.025 nH. Capacitance to ground is 0.01 pF. Current capacity is 2 amps per pin. Works with devices such as 121BGA, 12mm square package with 11x11 array and 1mm pitch.

(February, 2017)