

Reliability testing starts with *reliable* sockets

Snap Fit Technology

Molded components ready for custom fit and assembly.



**NEW 0.50mm BGA socket*

- ✓ Flexible socket designs - > *reduced cost and lead-time*
- ✓ Integrated socket solutions -> *reduced risk*
- ✓ In-house tool and mold -> *rapid response and turnaround*
- ✓ Extensive catalog -> *easy purchase*

MECHANICAL PROPERTIES

Pitch: 0.50mm (BGA)

BGA PACKAGE SIZE MIN: 2mm X 2mm
MAX: 12mm X 12mm

Pin Count: 576 pin max

Contact Force: 15.3gf (H033)

Temperature: -55°C to +180°C

Mechanical Life: 50,000 cycles

Socket Dimensions: W – 30.00mm
L – 30.00mm
H – 15.91mm

ELECTRICAL PROPERTIES

Contact Resistance: <35 mΩ

Current Rating: >1.0 amp

Bandwidth @ -1dB: up to 15.7 GHz

MATERIALS

Stamped Contact: BeCu, Au Plate

Contact Spring: SS, Au Plate

Plastic: Ultem

Socket Hardware: SS

