

Reliability testing starts with *reliable* sockets

**Available for both
BGA & LGA versions!*

.40mm to 0.80mm



- ✓ 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: 0.40mm to 0.80mm

PACKAGE SIZE LGA: 12mm X 12mm max
BGA: 9mm X 9mm max

Pin Count: 150 pin max

Contact Force: 15.3gf (H033) to 30.0gf (H057)

Temperature: -55°C to +180°C

Mechanical Life: 50,000 cycles

Socket Dimensions: W – 25.00mm
L – 25.00mm
H – 14.24mm

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

Part Numbering System

144 **LHC** **80** **A** **01**

Pin Count

Socket Type

- LHC – LGA
- BHC – BGA
- CHC – Custom

Pitch

LGA:

- 40 – 0.40mm
- 50 – 0.50mm
- 65 – 0.65mm
- 80 – 0.80mm

BGA:

- 40 – 0.40mm
- 50 – 0.50mm
- 65 – 0.65mm
- 80 – 0.80mm

Package Footprint

Feature Option

