

*Reliability testing starts with **reliable** sockets*

** Available for both
BGA & LGA versions!*



MECHANICAL PROPERTIES

Pitch LGA: 0.40mm - 0.65mm
 BGA: 0.40mm - 0.65mm

PACKAGE SIZE LGA: 23mm X 23mm max
 BGA: 20mm X 20mm max

Pin Count: 1000 pin max

Contact Force: 14.3gf to 30.9gf

Temperature: -55°C to +150°C

Socket Dimensions: W – 43.29mm
 L – 56.46mm
 H – 28.86mm

ELECTRICAL PROPERTIES

Contact Resistance: <35 mΩ

Current Rating: >1.0 amp

Bandwidth @ -1dB: 10 to 15.7 GHz

MATERIALS

Stamped Contact: BeCu, Au Plate

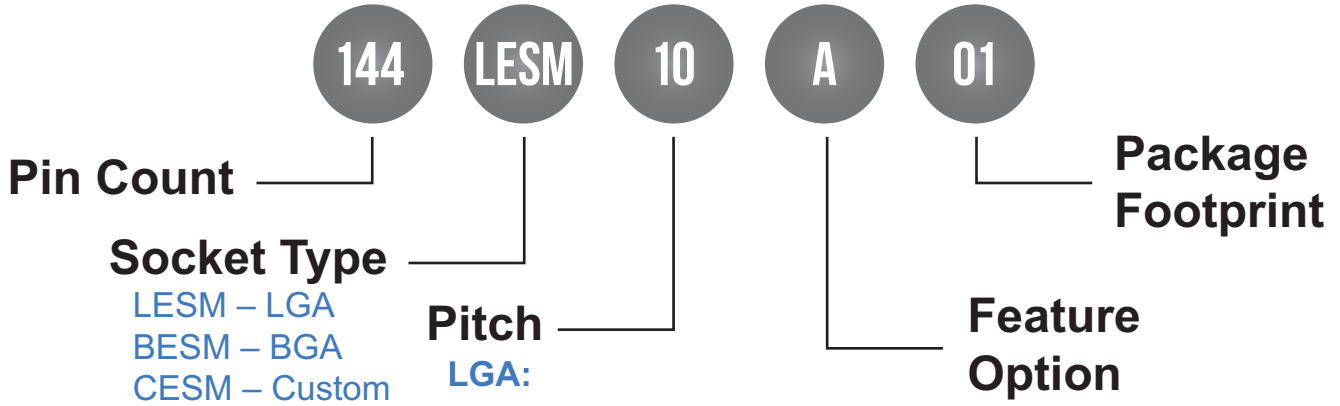
Contact Spring SS, Au Plate

Plastic Ultem

Socket Hardware SS

- ✓ 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

Part Numbering System



Soldier Ball Size

Pitch:

0.40mm: min 0.20mm, max 0.30mm
0.50mm: min 0.25mm, max 0.40mm
0.65mm: min 0.28mm, max 0.48mm

BGA:

40 – 0.40mm
 50 – 0.50mm
 65 – 0.65mm

