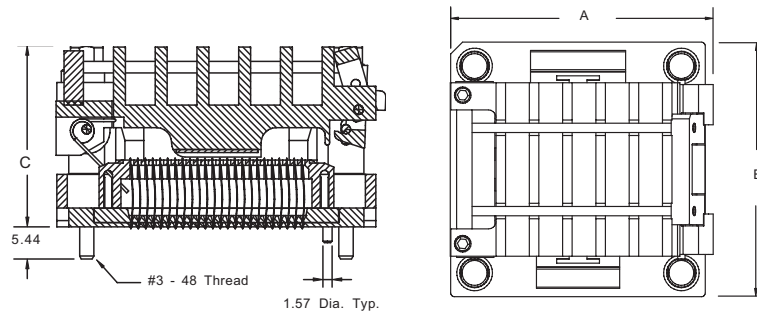


692 Series LGA Socket with Heatsink

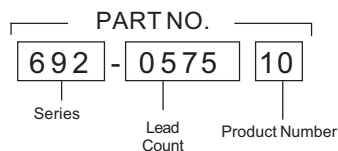
- Clamshell socket design is field replaceable
- Compression surface mount Buckle Beam contact
- Integrated heatsink in the lid for heat dissipation
- Pivoting heatsink for uniform compression of device
- Backer Plate required



| Lead Count | Pitch e (mm) | Package Size (mm) | Matrix | Pad Dia. (mm) | Part Number |
|------------|--------------|-------------------|---------|---------------|-------------|
| * 575 | 1.27 | 31 x 31 | 24 x 24 | 0.86 | 692-0575-09 |

* Full Cored Array 576 Leads

DESCRIPTION & ORDERING INFORMATION

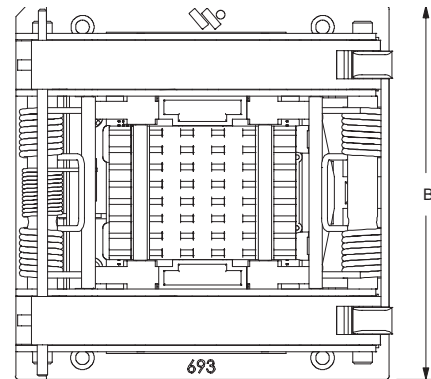
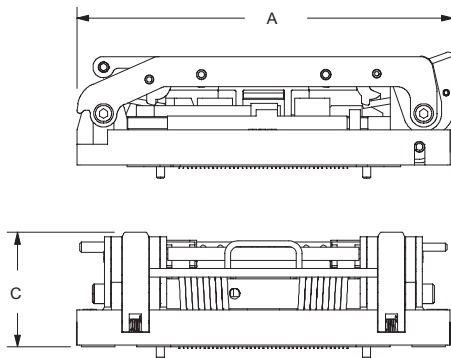


MATERIALS & SPECIFICATIONS

- Socket Body: PEI or Equivalent
- Contacts (692): Beryllium Copper Alloy
- Contact Plating: Gold over Nickel
- Contact Durability: 10,000 cycles min.
- Temperature Rating: 150°C
- Insulation Resistance: 9 MΩ at 500V DC
- Contact Resistance: 100 mΩ max.
- Contact Current Rating: 1 Amp for 20°C rise
- Contact Self Inductance: 7 nH at 2 GHz
- Contact Mutual Inductance: 0.7 nH at 2 GHz
- Contact Mutual Capacitance: 0.05 pF at 2 GHz
- Contact Force: Average 20 grams

693 Series LGA Socket with Heatsink

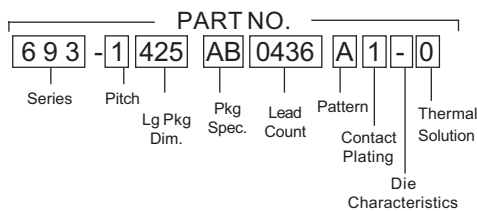
- Clamshell socket design is field replaceable
- Compression surface mount Buckle Beam contact
- Integrated heatsink in the lid for heat dissipation
- Pivoting heatsink for uniform compression of device
- Backer Plate required



| Lead Count | Pitch e (mm) | Package Size (mm) | Matrix | Pad Dia. (mm) | Part Number | Socket Dimensions (mm) | | |
|------------|--------------|-------------------|---------|---------------|--------------------|------------------------|-----------|------------|
| | | | | | | Length (A) | Width (B) | Height (C) |
| * 436 | 1.00 | 42.5 X 32.5 | 41 X 41 | 0.8 | 693-1425AB0436A1-0 | 89.56 | 88.9 | 27.32 |

* Full Cored Array 576 Leads

DESCRIPTION & ORDERING INFORMATION



MATERIALS & SPECIFICATIONS

- Socket Body: PEI or Equivalent
- Contacts(693): Spinodal Alloy
- Contact Plating: Gold over Nickel
- Contact Durability: 10,000 cycles min.
- Temperature Rating: 150°C
- Insulation Resistance: 9 MΩ at 500V DC
- Contact Resistance: 100 mΩ max.
- Contact Current Rating: 1 Amp for 20°C rise
- Contact Self Inductance: 7 nH at 2 GHz
- Contact Mutual Inductance: 0.7 nH at 2 GHz
- Contact Mutual Capacitance: 0.05 pF at 2 GHz
- Contact Force: Average 25 grams