

FEATURES AND SPECIFICATIONS

Features and Benefits

- 615 circuit for Mobile Pentium® II and Celeron® processors
- Ultra low profile of 2.00mm (.079")
- Over 60% PCB space savings versus previous module-style mobile processor packaging
- Easy-to-use cam mechanism provides smooth contact engagement and secure locking
- Dual-beam contact provides low inductance and low conductor resistance
- Compliant SMT leads ensure good solder joint reliability

Reference Information

Product specification: PS-54565-016
Designed In: Millimeters

Electrical

Voltage: 100V
Current: 0.5A
Contact Resistance: 20mΩ max.
Dielectric Withstanding Voltage: 200V AC/1 min.
Insulation Resistance: 1000 MΩ min.
Capacitance: 1.53pf max.

Mechanical

Durability: 30 cycles

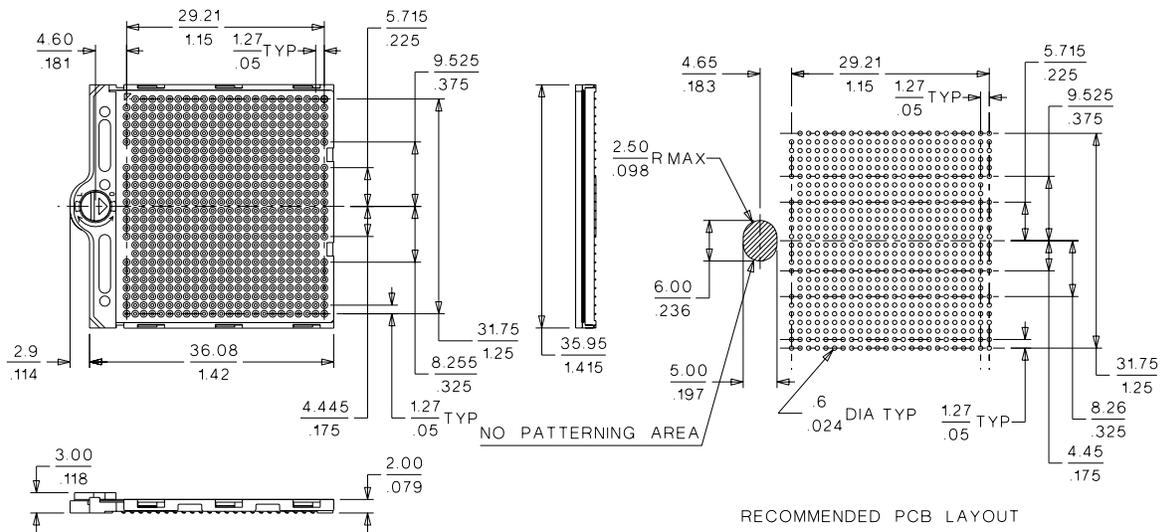
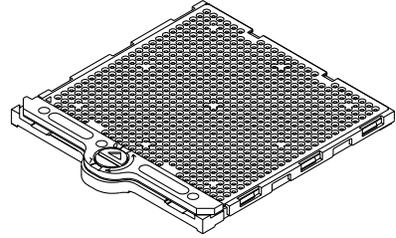
Physical

Housing: Brown glass-filled LCP, UL 94V-0
Contact: Phosphor Bronze
Plating: Contact Area—Gold over Nickel
Solder Tail Area—Gold Flash
Temperature: 0 to +90°C

molex® 1.27mm (.050") Pitch Micro PGA Socket

54565

SMT, ZIF 615 Circuits



ORDERING INFORMATION

Order No.
54565-6155

* Pentium is a registered trademark of Intel Corporation
** Celeron is a trademark of Intel Corporation