



Zero Insertion Force PGA Test and Burn-in Sockets

FEATURES:

- A strong, metal cam activates the normally closed contacts, preventing dependency on plastic for contact force.
- The handle can be provided on right or left hand side. Consult factory for special handle requirements.

SPECIFICATIONS:

- Socket body is black UL 94V-0 Polyphenylene Sulfide (PPS).
- Contacts are either Beryllium Copper Alloy 174, 1/2 hard or Spinodal Alloy.
- Plating options for Beryllium Copper contact:
 - "2": 30μ [7.6μm] min. Gold per MIL-G-45204 on contact area, 100μ [2.54μm] min. Tin per MIL-T-10727 on solder tail, both over 30μ [7.6μm] min. Nickel per QQ-N-290 all over.
 - "3": 30μ [7.6μm] min. Gold per MIL-G-45204 on contact area, 10μ [2.5μm] min. Gold per MIL-G-45204 on solder tail, both over 30μ [7.6μm] min. Nickel per QQ-N-290.

Consult factory for plating options not shown.

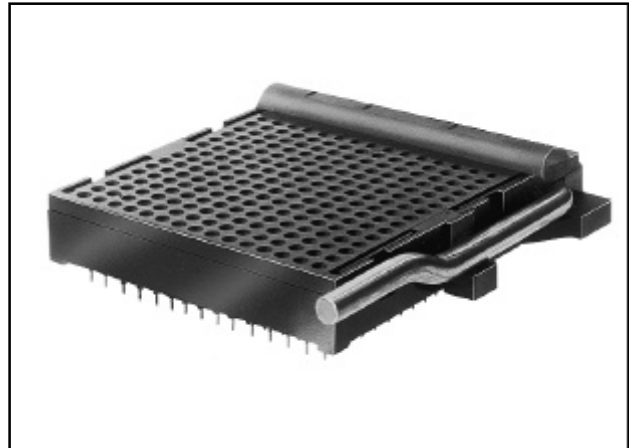
- Plating for Spinodal Alloy contact only:
 - "6": 50μ [1.27μm] min. Nickel Boron.
- Handle is Stainless Steel.
- Contact current rating=1 Amp.
- Operating temperatures:
 - 85°F to 221°F [-65°C to 105°C] Tin plating,
 - 85°F to 257°F [-65°C to 125°C] Gold plating,
 - 85°F to 392°F [-65°C to 200°C] Nickel plated Spinodal.
- Accepts leads .014-.026 [.36-.66] in diameter, .120-.290 [3.05-7.37] long.

MOUNTING CONSIDERATIONS:

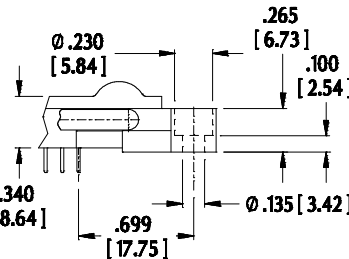
- Suggested PCB hole size=.032 ± .002 [.81 ± .05] dia.
- See PCB footprint below.
- Plugs into standard PGA sockets.

ALL DIMENSIONS: INCHES [MILLIMETERS]

All tolerances ± .005 [.13] unless otherwise specified

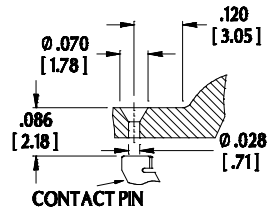


Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

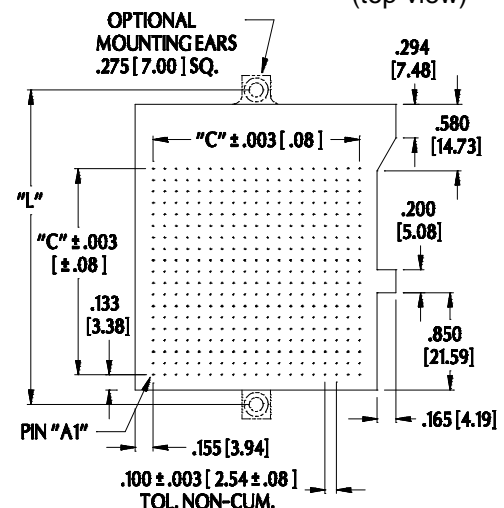
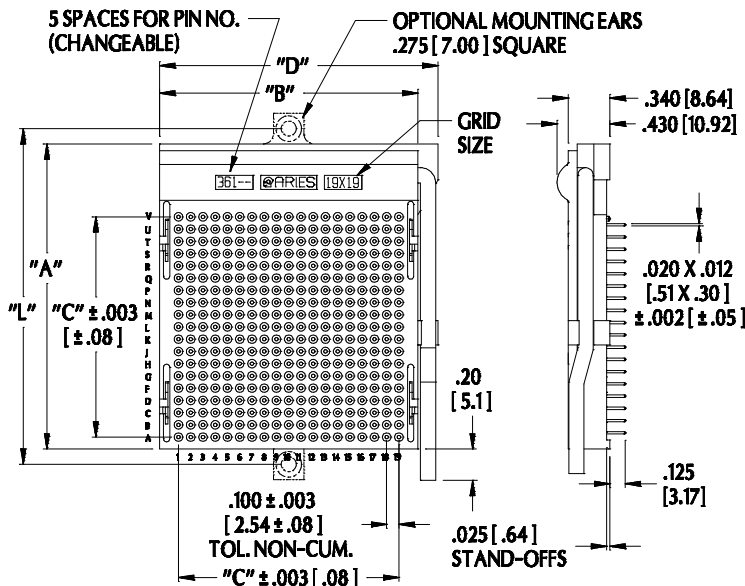


See Data Sheet
No. 10005 for
additional information.

MOUNTING EAR DETAIL



PCB FOOTPRINT
(top view)



<http://www.arieselec.com> • info@arieselec.com

NORTH AMERICA
Frenchtown, NJ USA
TEL: (908) 996-6841
FAX: (908) 996-3891



EUROPE
TEL: +44 870 240 0249
FAX: +44 871 919 6033
europe@arieselec.com

10004
REV.C

Mouser Electronics

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