



Series 537 Universal PLCC ZIF Test Socket "Live Bug" Type

Features:

- This Universal PLCC ZIF (zero insertion force) Test Socket will take seven sizes of PLCC footprints with Aries' insert plate, Part No. XX-537-20, Data Sheet No. 10012, available separately.
- The PLCC is inserted "live bug" (pins down) into the position over the bed and the top half of the clamshell is closed for testing and/or programming, etc., operations. The solder tail pins on the bottom are the ends of the contacts or "bed," thus permitting mounting to a PC board or into Aries' PLCC to PGA Adapter socket, Part No. 1109283, Data Sheet No. 10014.
- Can also be plugged into Aries' Receptacle, Part No. 84-637-10, Data Sheet No. 10013.
- Accepts JEDEC MO-047AA-AH PLCCs and JEDEC MO-044AA-AB Ceramics with 20, 28, 44, 52, 68, or 84 square leads. Also accepts JEDEC MO-052AE PLCCs with 32 rectangular leads.

Specifications:

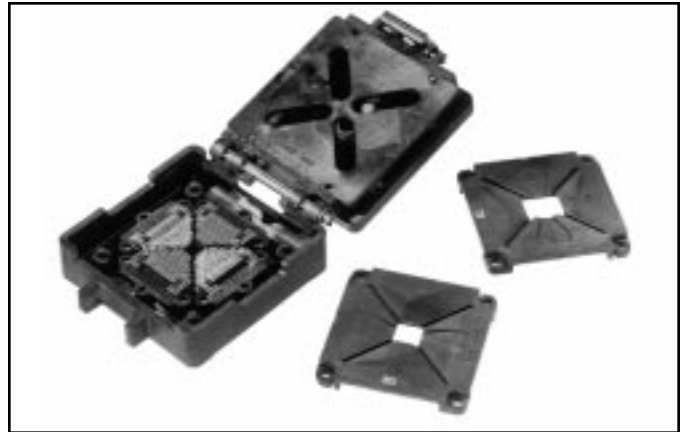
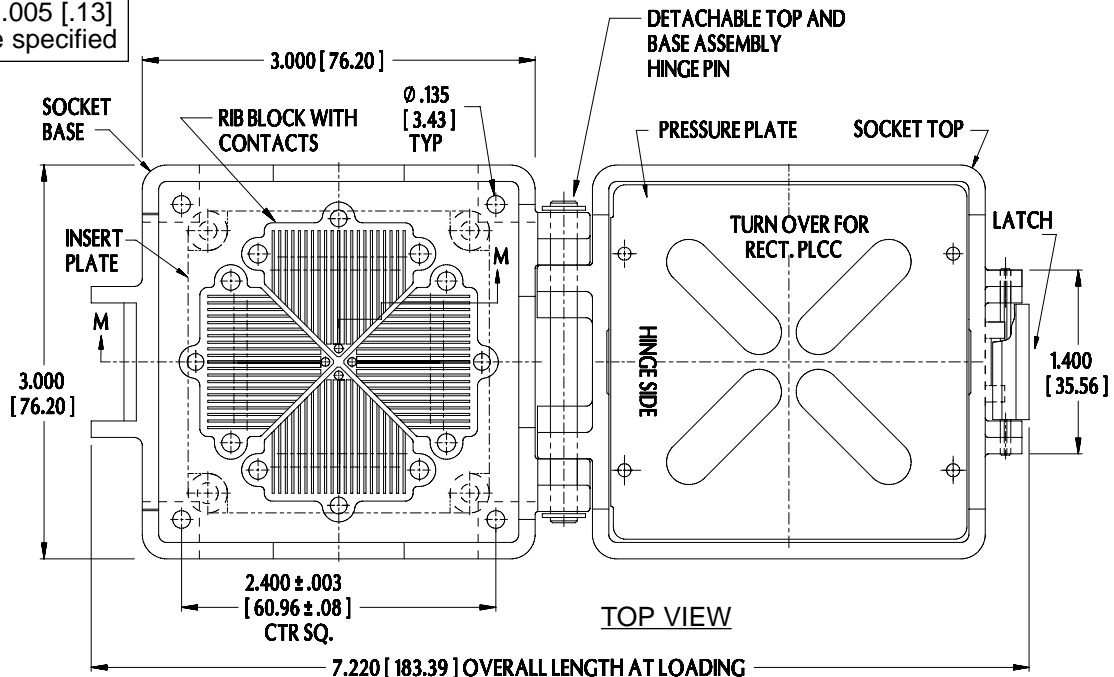
- Plastic parts are black UL 94V-0 Glass-filled Polyphenylene Sulfide (PPS).
- Contact pin is Beryllium Copper Alloy 172 HT.
- Contact plating is 12 μ [.31 μ m] min. Gold over 100 μ [2.54 μ m] min. Nickel over 20 μ [.51 μ m] Copper.
- Hardware is Stainless Steel.
- Contact current rating=1 Amp.
- Operating temperature=-85°F to 257°F [-65°C to 125°C].
- Life cycle: 10,000 insertions max.

Mounting Considerations:

- Suggested PCB hole size=.032 \pm .002 [.81 \pm .05] dia.
- See Data Sheet No. 10011 for additional information.

ALL DIMENSIONS: INCHES [MILLIMETERS]

All tolerances \pm .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.

ORDERING INFORMATION

Specify Part No. 84-537-21
when ordering

Specify Part No.
84-537-21-7 when ordering with
all seven insert plates

See Data Sheet No. 10011 for
additional information.

SIBALCO

Käppelinstraße 12
D-79576 Weil am Rhein

Tel. +49 (0) 7621 78011 info@sibalco.de
Fax +49 (0) 7621 78013 www.sibalco.de

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