



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

FEATURES:

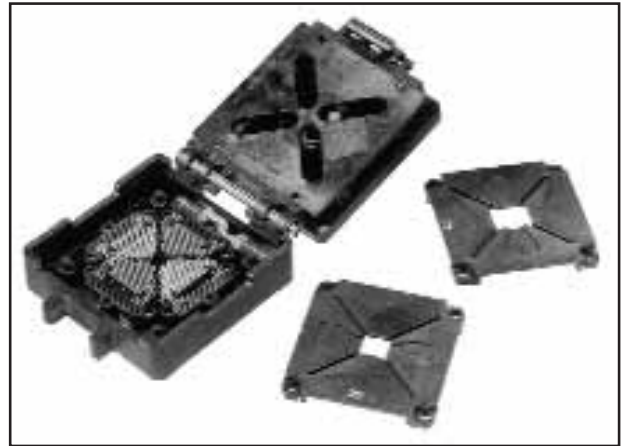
- This Universal PLCC ZIF (zero insertion force) Test Socket will take seven sizes of PLCC footprints with Aries' insert plate, Part No. XX-537-20, Data Sheet No. 10012, available separately.
- The PLCC is inserted "live bug" (pins down) into the position over the bed and the top half of the clamshell 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 PLCC's and JEDEC MO-044AA-AB Ceramics with 20, 28, 44, 52, 68, or 84 square leads. Also accepts JEDEC MS-016 PLCC's 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 per MIL-G-45204 over 100 μ [2.54 μ m] min. Nickel per SAE-AMS-QQ-N-290 over 20 μ [.51 μ m] Copper per MIL-C-14550.
- Hardware is Stainless Steel.
- 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.



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

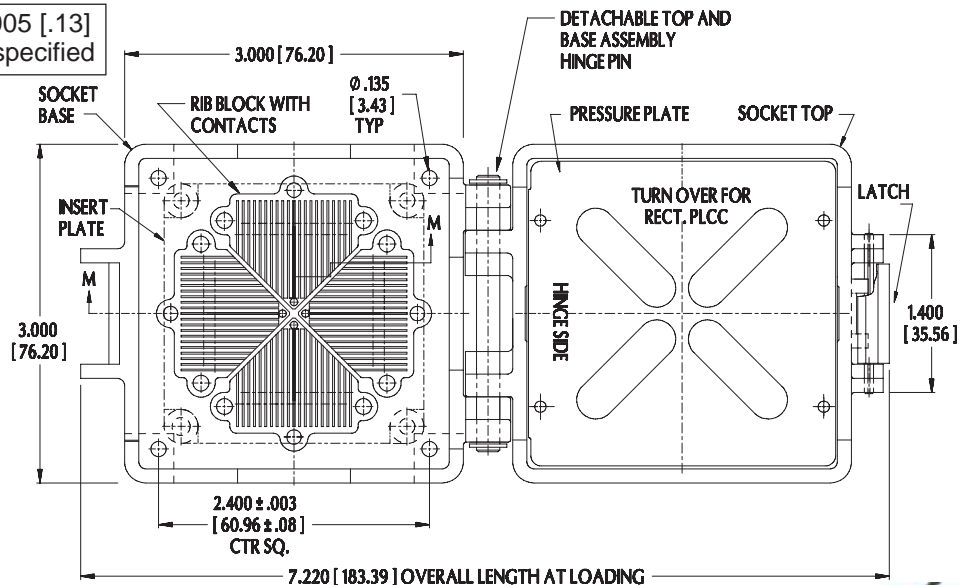
Specify Part No. 84-537-21
when ordering

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

**See Data Sheet No. 10011 for
additional information**

ALL DIMENSIONS: INCHES [MILLIMETERS]

All tolerances \pm .005 [.13]
unless otherwise specified



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