Series 537 ‘Live Bug’ Type
Universal PLCC ZIF Test Socket

FEATURES

• Socket takes 7 Sizes of PLCC Footprints with Insert Plate, P/N XX-537-20
• PLCC is inserted ‘Live Bug’ (pins down) into position over Bed; Top half of Clamshell is Closed for Testing, Programming, etc. Bottom Solder Pin Tails are the Ends of the Contacts or ‘Bed,’ thus Permits Mounting to PC Board
• Accepts JEDEC MO-047AA-AH PLCCs and JEDEC MO-044AA-AB Ceramics with 20, 28, 44, 52, 68, or 84 Square Leads, as well as JEDEC MS-016 PLCCs with 32 Rectangular Leads

GENERAL SPECIFICATIONS

• PLASTIC: black UL 94V-0 glass-filled Polyphenylene Sulfide (PPS)
• CONTACT PIN: BeCu 172 heat-treated
• CONTACT PLATING: 12μ [0.31μ] min. Au per MIL-G-45204 over 100μ [2.54μ] min. Ni per SAE AMS-QQ-N-290 over 20μ [0.51μ] Cu per MIL-C-14550
• HARDWARE: Stainless Steel
• OPERATING TEMPERATURE: 85°F to 257°F [-65°C to 125°C]
• LIFE CYCLE: 10,000 insertions, maximum

MOUNTING CONSIDERATIONS

• SUGGESTED PCB HOLE SIZE: 0.032 ±0.002 [0.81 ±0.05] dia.

ORDERING INFORMATION

84-537-21 – Socket Only, No Insert Plates
84-537-21-7 – Socket and 7 Insert Plates
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CONTACT DETAIL

PLCC DIMENSIONS

- Overall height: "A" = 0.165 ± 0.003 [4.19 ± 0.08]
- Overall width: "B" = 0.385 ± 0.195 [9.78 ± 0.30]
- Body width: "C" = 0.350 ± 0.159 [8.89 ± 0.44]

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ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
FOR ADDITIONAL INSERT PLATES, SEE DATA SHEET 10012
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS