



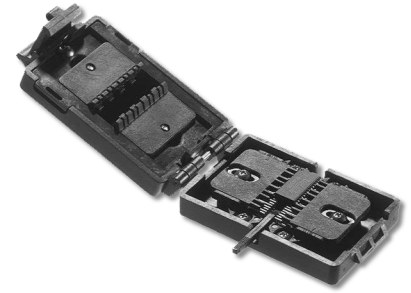
# Series 547 Universal SOIC Zero-Insertion-Force Test Socket

## FEATURES

- Insert up to 44-pin Devices without Bending or Damaging Device Legs
- Insert and Remove Components from Socket without Force
- Accepts SOIC Gull-wing and J-Pb Devices, up to 44 Pins, on 0.050 [1.27] Pb Pitch, Body Widths from 0.150 to 0.600 [3.81 to 15.24]
- Optional Device Lifter for Easy Package Removal

## GENERAL SPECIFICATIONS

- **BODY MATERIAL:** black UL 94V-0 glass-filled Polyphenylene Sulfide (PPS)
- **CONTACTS:** BeCu 172 per QQ-C-533
- **CONTACT PLATING:** 20μ [0.51μ] min. Au per MIL-G-45204 over 100μ [2.54μ] min. Ni per QQ-N-290 over 20μ [0.51μ] min. Cu per MIL-C-14550
- **HARDWARE:** Stainless Steel
- **CONTACT CURRENT RATING:** 1 amp
- **OPERATING TEMPERATURE:** 257°F [125°C]



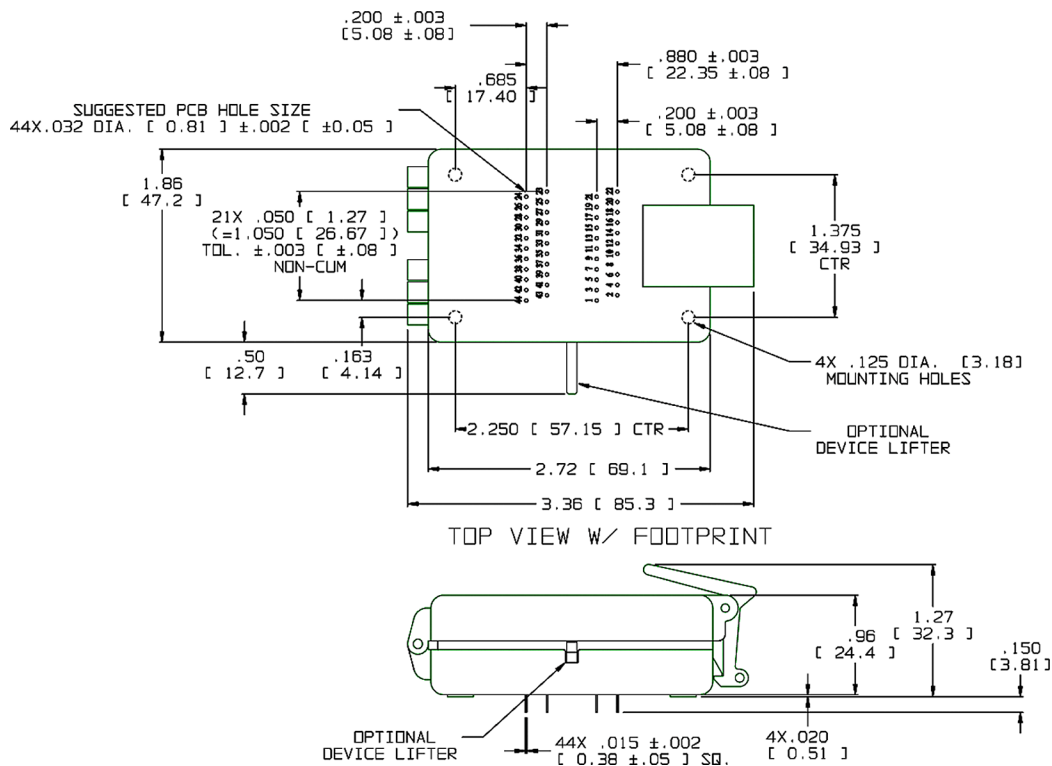
## ORDERING INFORMATION

**44-547-11** – Without Lifter

**44-547-11E** – With Lifter

## MOUNTING CONSIDERATIONS

- See SCHEMATIC below



ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

FOR SOCKET SETUP PER DEVICE, SEE DATA SHEET 10020 OR REQUEST SALES DRAWING 1109450

FOR SOIC TO 0.600 [15.24] DIP ADAPTER, SEE DATA SHEET 10016

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

CUSTOMIZATION: ARIES SPECIALIZES IN CUSTOM DESIGN AND PRODUCTION. SPECIAL MATERIALS, PLATINGS, SIZES, AND CONFIGURATIONS CAN BE FURNISHED, DEPENDING ON QUANTITY.

ARIES RESERVES THE RIGHT TO CHANGE PRODUCT GENERAL SPECIFICATIONS WITHOUT NOTICE

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