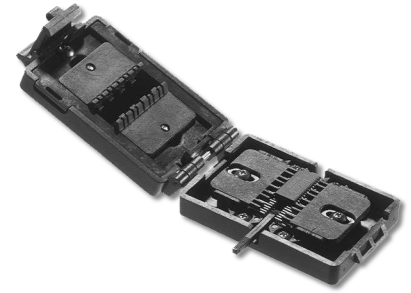




# Series 547 Universal SOIC Zero-Insertion-Force Test Socket

## 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-lead devices, up to 44 pins on 0.050 [1.27] lead 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]

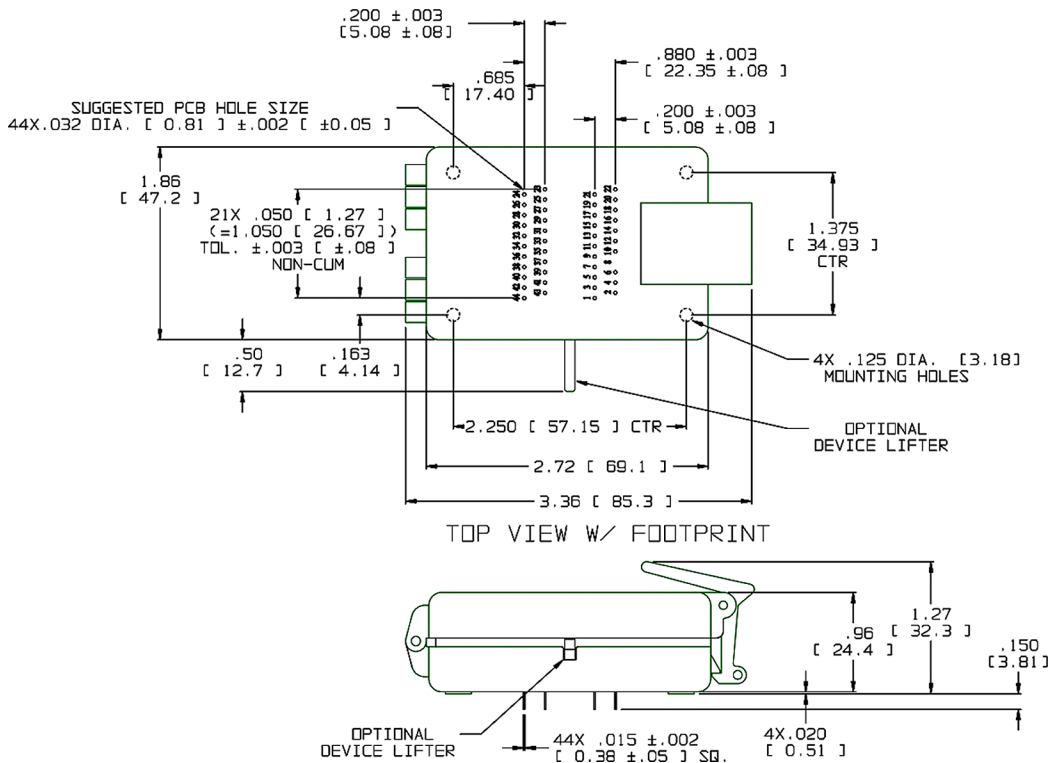
## ORDERING INFORMATION

**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.  
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