

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# **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]

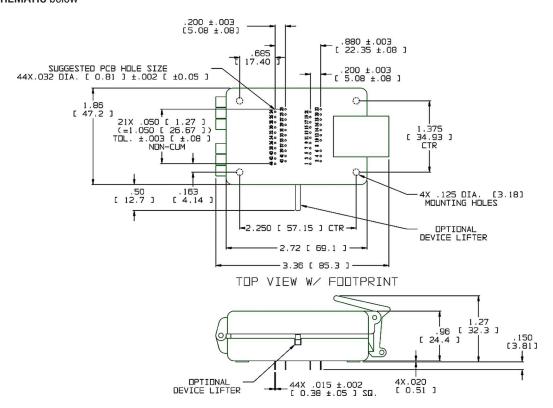


### ORDERING INFORMATION

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 <u>DATA SHEET 10020</u> OR REQUEST SALES DRAWING 1109450

FOR SOIC TO 0.600 [15.24] DIP ADAPTER, SEE <u>DATA SHEET 10016</u> 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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