



# Series 547 Universal SOIC Zero Insertion Force Test Socket

## FEATURES:

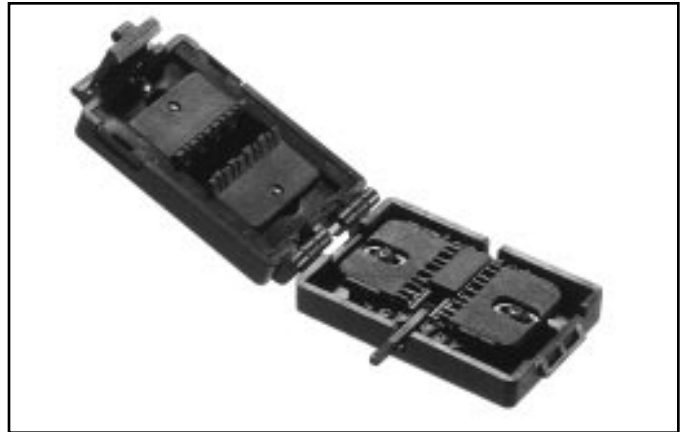
- Devices with up to 44 pins can be inserted without bending or otherwise damaging the legs, since no force is required to either insert or remove the component from the socket.
- Accepts SOIC gull-wing and J-lead devices, up to 44 pins on .050 [1.27] lead pitch, body widths from .150 to .600 [3.81 to 15.24].
- Optional device lifter for easy package removal.

## SPECIFICATIONS:

- Body material is black UL 94V-0 Glass-filled Polyphenylene Sulfide (PPS).
- Contacts are Beryllium Copper Alloy 172 per QQ-C-533.
- Contact plating is 20μ [.51μm] min. Gold per MIL-G-45204 over 100μ [2.54μm] min. Nickel per QQ-N-290 over 20μ [.51μm] min. Copper per MIL-C-14550.
- Hardware is Stainless Steel.
- Contact current rating=1 Amp.
- Operating temperature=257°F [125°C].

## MOUNTING CONSIDERATIONS:

- See schematic below.



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. 44-547-11 when ordering without lifter

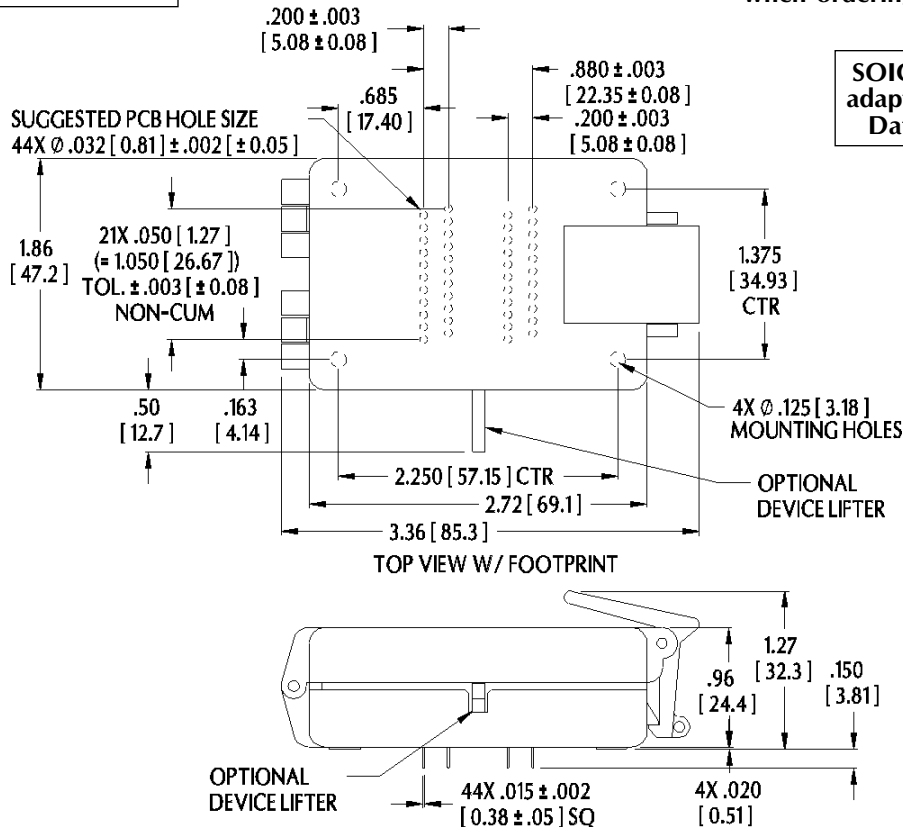
-or-

Specify Part No. 44-547-11E when ordering with lifter

SOIC to .600 [15.24] DIP adapter available. Consult Data Sheet No. 10016.

ALL DIMENSIONS: INCHES [MILLIMETERS]

All tolerances ± .005 [.13] unless otherwise specified



**ARIES**  
ELECTRONICS, INC.

<http://www.arieselec.com> • [info@arieselec.com](mailto:info@arieselec.com)

NORTH AMERICA  
Frenchtown, NJ USA  
TEL: (908) 996-6841  
FAX: (908) 996-3891

UK/SCANDINAVIA/IRELAND  
Milton Keynes, GB  
TEL: +44 1908 260007  
FAX: +44 1908 260008

EUROPE (MAINLAND)  
Papendrecht, Holland  
TEL: +31 78 615 94 65  
FAX: +31 78 615 43 11

10015  
REV.A