



# Part Nos. 1106396 & 1107254 Row-to-Row DIP Adapter Sockets

## FEATURES:

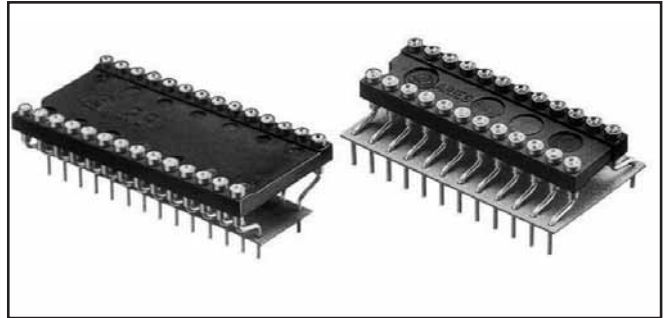
- Aries' adapter sockets allow the use of .300 [7.62] center devices when the PCB is drilled on .600 [15.24] centers and vice-versa, giving the flexibility of using .600 [15.24] or .300 [7.62] center devices in the same application.

## SPECIFICATIONS:

- Socket body is black UL 94V-0 Glass-filled 4/6 Nylon.
- Pin body is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-00.
- Pin body plating is 200µ [5.08µm] min. 93/7 Tin/Lead per ASTM B545 or over 200µ [5.08µm] min. Tin per ASTM B545 Type 1 over 100µ [2.54µm] Nickel per SAE-AMS-QQ-N-290.
- 4-fingered collet contact is Beryllium Copper Alloy per UNS C17200 ASTM-B194-01.
- Contact plating is 30µ [7.6µm] min. Gold per MIL-G-45204 over 50µ [1.27µm] min. Nickel per SAE-AMS-QQ-N-290.
- Contact current rating=3 Amps.
- Operating temperature=221°F [105°C].
- Insertion Force=180 grams/pin; Withdrawal Force=90 grams/pin; Normal Force=140 grams/pin; based on a .018 [.46] diameter test lead.
- Accepts leads .015-.025 [.38-.64] in diameter, .110-.150 [2.79-3.81] long.

## MOUNTING CONSIDERATIONS:

- Suggested PCB hole size=.035 ± .002 [.89 ± .05] dia.



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

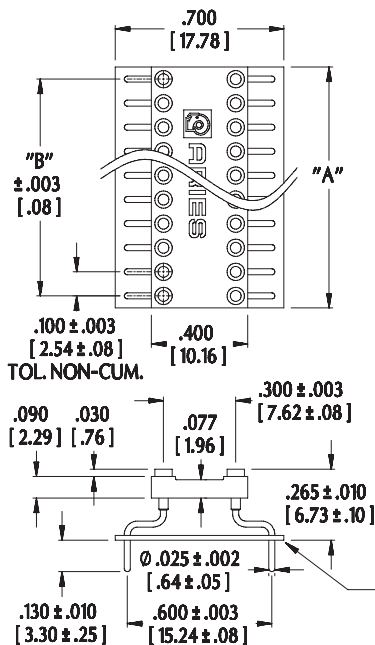
Specify Part No. 1106396-XX (Tin) OR 1106396-XXTL (Tin/Lead) when ordering .300 DIP to .600 PCB [7.62 to 15.24] adapter, where XX=no. of pins (6 thru 40)

-OR-

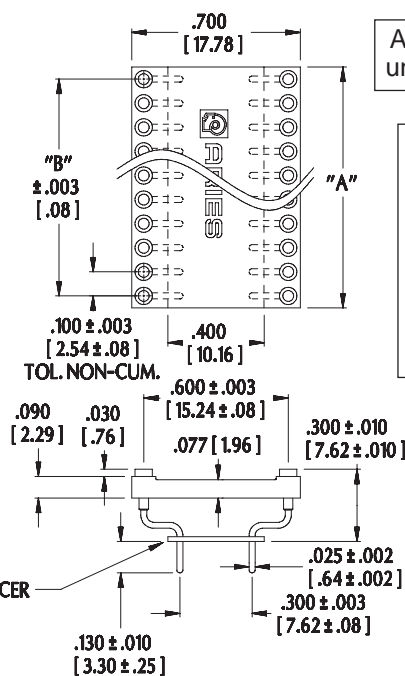
Specify Part No. 1107254-XX (Tin) OR 1107254-XXTL (Tin/Lead) when ordering .600 DIP to .300 PCB [15.24 to 7.62] adapter, where XX=no. of pins (6 thru 40)

ALL DIMENSIONS: INCHES [MILLIMETERS]

1106396-XX OR -XXTL

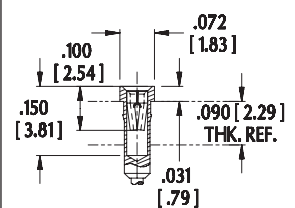


1107254-XX OR -XXTL



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

### CONTACT DETAIL



Socket body for 1106396, 24 thru 40 pins



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