



# P/Ns 1106396 and 1107254 Row-to-Row DIP Adapter Socket

## FEATURES

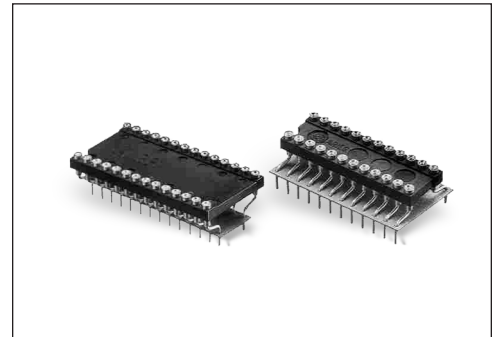
- Adapter Socket allows the use of 0.300 [7.62] center devices when the PCB is drilled on 0.600 [15.24] centers and vice versa, giving the flexibility of using 0.600 [15.24] or 0.300 [7.62] center devices in the same application.

## GENERAL SPECIFICATIONS

- SOCKET BODY: black UL 94V-0 glass-filled 4/6 Nylon
- PIN BODY: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- PIN BODY PLATING: 200 $\mu$  [5.08 $\mu$ ] min. Sn per ASTM B545 Type 1 over 100 $\mu$  [2.54 $\mu$ ] Ni per SAE AMS-QQ-N-290B
- 4-FINGERED COLLET CONTACT: BeCu per UNS C17200, ASTM B194-08
- CONTACT PLATING: 30 $\mu$  [0.762 $\mu$ ] min. Au per MIL-G-45204 over 50 $\mu$  [1.27 $\mu$ ] min. Ni per SAE AMS-QQ-N-290
- CONTACT CURRENT RATING: 3 amps
- OPERATING TEMPERATURE: 221°F [105°C]
- INSERTION FORCE: 180g/pin; based on 0.018 [0.46] dia. test lead
- WITHDRAWAL FORCE: 90g/pin; based on 0.018 [0.46] dia. test lead
- NORMAL FORCE: 140g/pin; based on 0.018 [0.46] dia. test lead
- ACCEPTS LEADS: 0.015-0.025 [0.38-0.64] dia., 0.110-0.150 [2.79-3.81] long

## MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.035  $\pm$  0.002 [0.89  $\pm$  0.05] dia.



**CUSTOMIZATION:** In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE:** Aries reserves the right to change product general specifications without notice.

## ORDERING INFORMATION

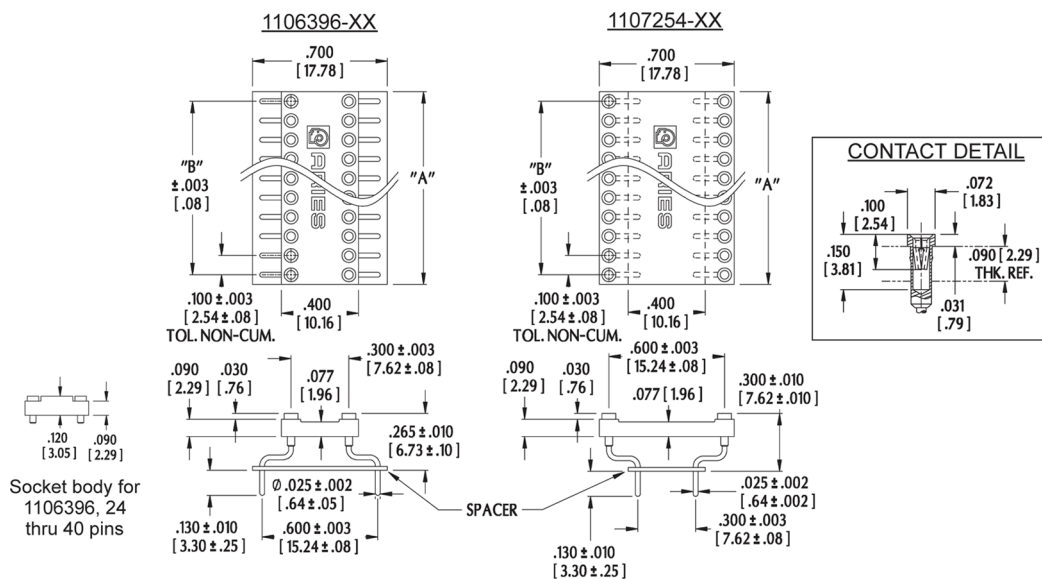
P/N 1106396-XX for 0.300 DIP-to-0.600 PCB [7.62 to 15.24] Adapter, where XX = number of pins (6 thru 40)

P/N 1107254-XX for 0.600 DIP-to-0.300 PCB [15.24 to 7.62] Adapter, where XX = number of pins (6 thru 40)

ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES:  $\pm$ 0.005 [0.13] UNLESS OTHERWISE SPECIFIED

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