



# Part Nos. 1109522 & 1109523 DIP to TO Adapter Sockets

## FEATURES:

- 8 pin DIP IC socket on the top and a circular, 8 pin TO can male pin footprint on the bottom. ICs now available only in 8 pin DIPs can be readily mounted on boards having TO thru-hole footprints without having to redesign the board.

## SPECIFICATIONS:

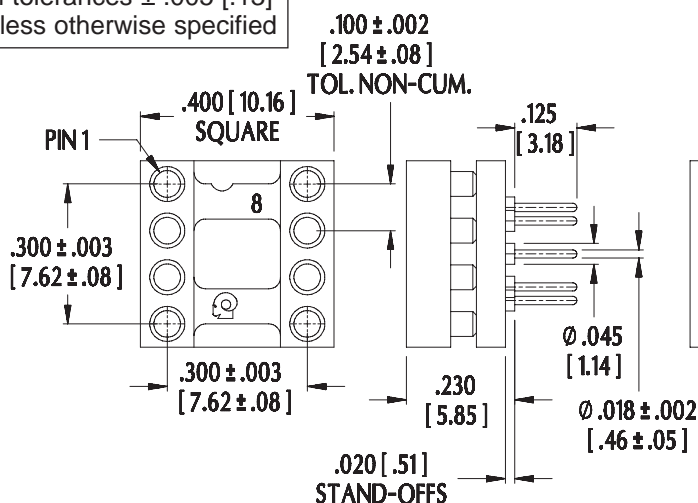
- Socket body is black UL 94V-0 Glass-filled 4/6 Nylon 170°C continuous use temp.
- Adapter board is FR-4, .062 thick.
- Female pin is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-85.
- Female pin plating is 10μ [2.54μm] min. Gold per MIL-G-45204 over 100μ [2.54μm] min. Nickel per QQ-N-290.
- Female pin contact is Beryllium Copper Alloy per UNS C17200 ASTM-B194-92.
- Female pin contact plating is 10μ [2.54μm] min. Gold per MIL-G-45204 over 50μ [1.27μm] min. Nickel per QQ-N-290.
- Male pin is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-85.
- Male pin plating is 200μ [5.08μm] min. Tin per MIL-T-10727 Type 1 or Tin/Lead 90/10 MIL-P-81728 over 100μ [2.54μm] Nickel per QQ-N-290.
- 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, .100-.125 [2.54-3.18] long.

## MOUNTING CONSIDERATIONS:

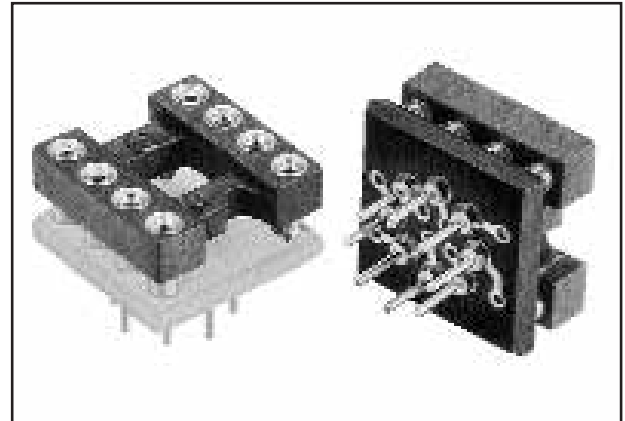
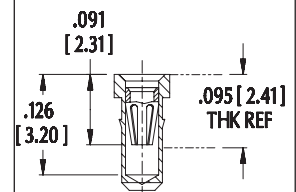
- Suggested PCB hole size=.028 ± .002 [.71 ± .05] dia.

## ALL DIMENSIONS: INCHES [MILLIMETERS]

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



## CONTACT DETAIL

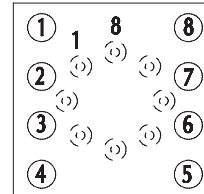


Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

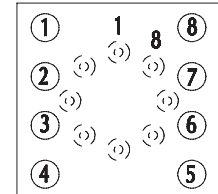
## ORDERING INFORMATION

Specify Part No. 1109522  
or 1109523 when ordering  
(see pin layouts below)

## PIN LAYOUTS



Part No. 1109522



Part No. 1109523

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