Part Nos. 1109522 & 1109523
DIP to TO Adapter Sockets

FEATURES:

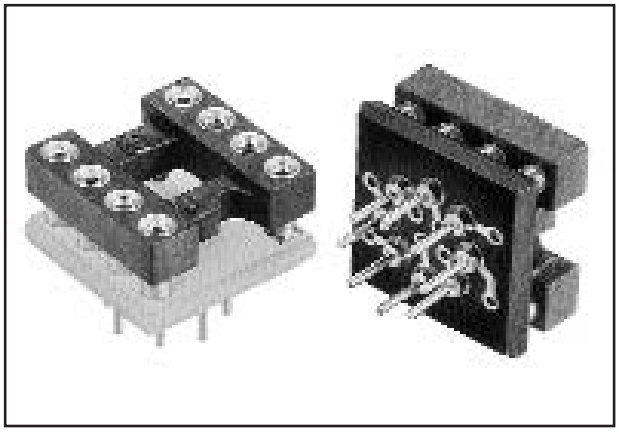
- 8 pin DIP IC socket on the top and a circular, 8 pin TO can male pin footprint on the bottom. ICs now available only in 8 pin DIPs can be readily mounted on boards having TO thru-hole footprints without having to redesign the board.

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-B16-00.
- Female pin plating is 10µ [.25µm] min. Gold per MIL-G-45204 over 100µ [2.54µm] min. Nickel per SAE-AMS-QQ-N-290.
- Female pin contact is Beryllium Copper Alloy per UNS C17200 ASTM-B194-01.
- Female pin contact plating is 10µ [.25µm] min. Gold per MIL-G-45204 over 50µ [1.27µm] min. Nickel per SAE-AMS-QQ-N-290.
- Male pin is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-00.
- Male pin plating is 200µ [5.08µm] min. Tin per ASTM B 545 Type 1 or Tin/Lead 93/7 per ASTM B 545 over 100µ [2.54µm] Nickel per SAE-AMS-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.

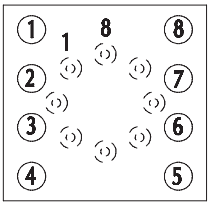


Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

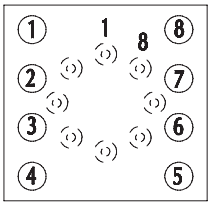
ORDERING INFORMATION

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

PIN LAYOUTS



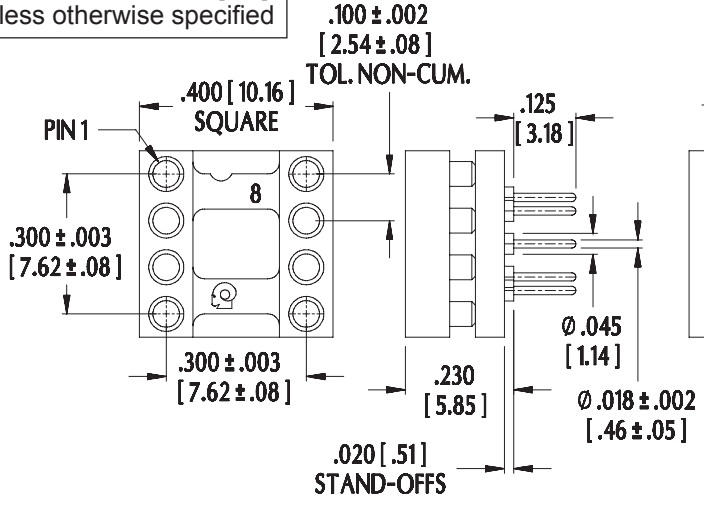
Part No. 1109522

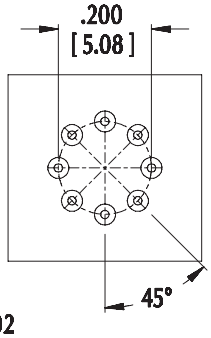


Part No. 1109523

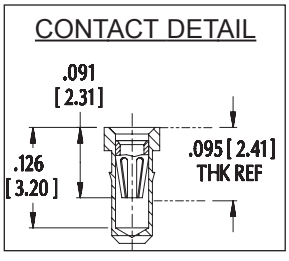
ALL DIMENSIONS: INCHES [MILLIMETERS]

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





CONTACT DETAIL



ARIES ELECTRONICS, INC.
http://www.arieselec.com • info@arieselec.com
Bristol, PA USA
TEL: (215) 781-9956
FAX: (215) 781-9845

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