



# RoHS/WEEE-Compliant SOIC-to-JEDEC TO Adapter

## FEATURES

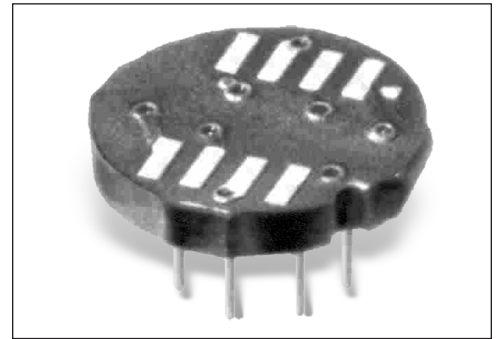
- Pb-Free RoHS/WEEE-compliant
- 8-position SOIC footprint on the top and a circular, 8-pin JEDEC TO can male pin footprint on the bottom. ICs now available only in 8-position SOIC packages can be readily mounted on boards having JEDEC TO thru-hole footprints without having to redesign the board.
- Consult factory for mounting of consigned chips.

## GENERAL SPECIFICATIONS

- ADAPTER BOARD: 0.062 [1.58] thick FR-4 or IS410 per IPC 4101A/26 with 1-oz. Cu traces, both sides
- MALE PINS: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- MALE PIN PLATING: 10 $\mu$  [0.254 $\mu$ ] min. Au per MIL-G-45204 over 100 $\mu$  [2.54 $\mu$ ] Ni per SAE AMS-QQ-N-290
- OPERATING TEMPERATURE: 221°F [105°C]

## MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.028  $\pm$  0.003 [0.71  $\pm$  0.08] 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

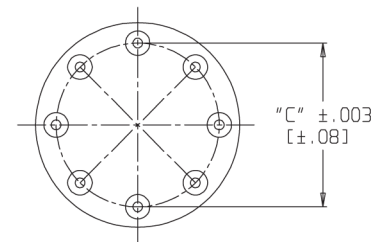
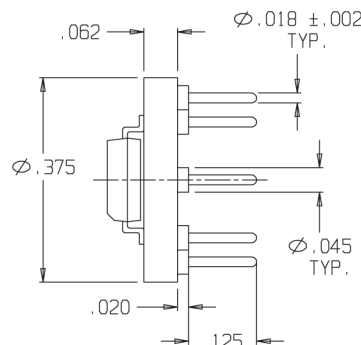
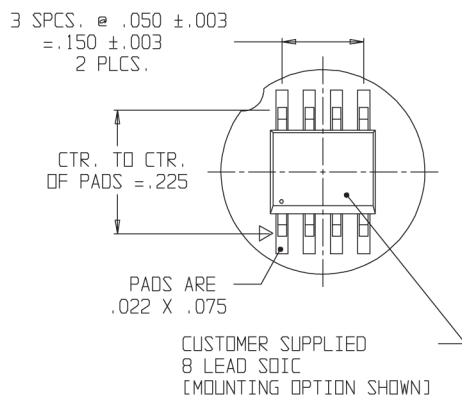
P/N	Dim "C"
1109814-RC	0.200 [5.08]

ALL DIMENSIONS: INCHES [MILLIMETERS]

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

DIP-to-TO ADAPTER ALSO AVAILABLE. CONSULT **DATA SHEET 18012**

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS



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18013RC  
 Rev. 1.2