



# Series 45000X-11-RC and 65000X-11-RC SOIC & SOJ-to-DIP Adapter RoHS/WEEE-Compliant

## FEATURES

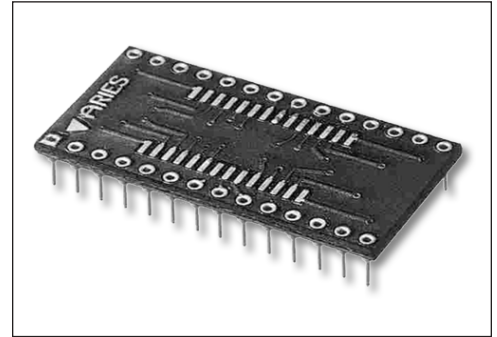
- Pb-Free RoHS/WEEE-compliant
- A cost-effective means of upgrading to SOJ or SOIC without changing your PCB layout.
- Available on 0.400 [10.16] and 0.600 [15.24] centers. Consult **Data Sheet 18010** for Adapters on 0.300 [7.62] centers.

## GENERAL SPECIFICATIONS

- BOARD MATERIAL: 0.062 [1.58] thick FR-4 or IS410 per IPC4101A/26 with 1-oz. Cu traces, both sides
- PADS: finished with ENIG (Immersion Au over Electroless Ni)
- PINS: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- PIN PLATING: 10μ [0.254μ] min. Au per MIL-G-4524 over 100μ [2.54μ] min. Ni per SAE-AMS-QQ-N-290
- OPERATING TEMPERATURE: 221°F [105°C]

## MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.028 ±0.002 [0.71 ±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

(See Table below)

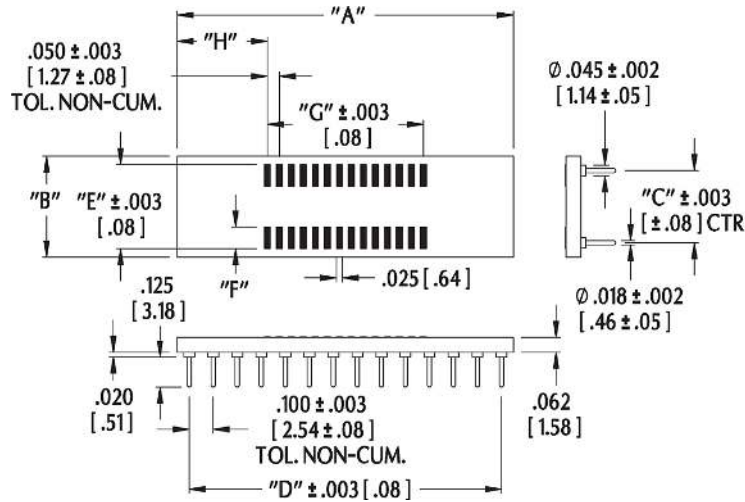
ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

"A" = NO. OF PINS PER ROW x 0.100 [2.54]

"D" = (NO. OF PINS PER ROW - 1) x 0.100 [2.54]

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS



| P/N             | Pins | Type | Dim. "B"      | Centers "C"   | Dim. "E"      | Dim. "F"     | Dim. "G"      | Dim. "H"      |
|-----------------|------|------|---------------|---------------|---------------|--------------|---------------|---------------|
| 28-450001-11-RC | 28   | SOJ  | 0.480 [12.19] | 0.400 [10.16] | 0.460 [11.68] | 0.080 [2.03] | 0.650 [16.51] | 0.325 [8.26]  |
| 32-450001-11-RC | 32   | SOJ  | 0.530 [13.46] | 0.400 [10.16] | 0.500 [12.70] | 0.090 [2.29] | 0.750 [19.05] | 0.425 [10.80] |
| 32-650000-11-RC | 32   | SOJ  | 0.700 [17.78] | 0.600 [15.24] | 0.650 [16.51] | 0.200 [5.08] | 0.750 [19.05] | 0.425 [10.80] |
| 24-650000-11-RC | 24   | SOIC | 0.700 [17.78] | 0.600 [15.24] | 0.455 [11.56] | 0.150 [3.81] | 0.550 [13.97] | 0.180 [4.57]  |
| 28-650000-11-RC | 28   | SOIC | 0.700 [17.78] | 0.600 [15.24] | 0.450 [11.43] | 0.075 [1.91] | 0.650 [16.51] | 0.375 [9.53]  |



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18011RC  
Rev. AB