





# Series 35W000 RoHS/WEEE-Compliant SOWIC-to-DIP 14- to 28-Pin Adapter

## FEATURES

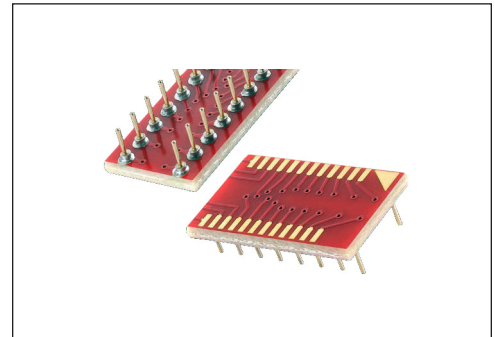
- Pb-Free RoHS/WEEE-Compliant
- A cost-effective means of upgrading to SOIC without changing your PCB layout
- Available on 0.300 [7.62] centers. Consult [Data Sheet 18011](#) for Adapters on 0.400 [10.16], or 0.600 [15.24] centers.

## GENERAL SPECIFICATIONS

- BOARD MATERIAL: 0.062 [1.58] thick FR-4 or IS410 per IPC 4101A/26 with 1-oz. Cu traces, both sides 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] Au per MIL-G-45204 over 100μ [2.54μ] Ni per SAE AMS-QQ-N-290
- OPERATING TEMPERATURE: 221°F [105°C]

## MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.035 ±0.002 [0.89 ± 0.05] dia.

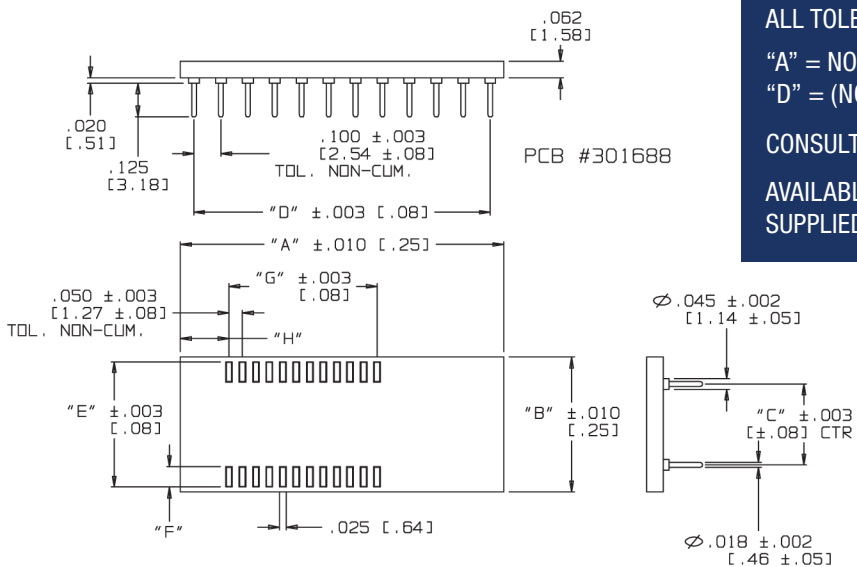


**CUSTOMIZATION:** In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE:** Aries reserves the right to change product general specifications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

## ORDERING INFORMATION

See Table below for P/Ns

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  
 AVAILABLE IN PANELIZED FORM WITH OR WITHOUT CUSTOMER-SUPPLIED DEVICES MOUNTED. CONSULT FACTORY.



| P/N             | Pins | Type | Dim. "B"      | Centers "C"  | Dim. "E"      | Dim. "F"     | Dim. "G"      | Dim. "H"     |
|-----------------|------|------|---------------|--------------|---------------|--------------|---------------|--------------|
| 14-35W000-11-RC | 14   | SOIC | 0.500 [12.70] | 0.300 [7.62] | 0.465 [11.81] | 0.076 [1.93] | 0.500 [12.70] | 0.180 [4.57] |
| 16-35W000-11-RC | 16   | SOIC | 0.500 [12.70] | 0.300 [7.62] | 0.449 [11.40] | 0.087 [2.20] | 0.350 [8.89]  | 0.213 [5.42] |
| 18-35W000-11-RC | 18   | SOIC | 0.500 [12.70] | 0.300 [7.62] | 0.465 [11.81] | 0.076 [1.93] | 0.550 [13.97] | 0.180 [4.57] |
| 20-35W000-11-RC | 20   | SOIC | 0.500 [12.70] | 0.300 [7.62] | 0.465 [11.81] | 0.076 [1.93] | 0.550 [13.97] | 0.180 [4.57] |
| 24-35W000-11-RC | 24   | SOIC | 0.500 [12.70] | 0.300 [7.62] | 0.465 [11.81] | 0.076 [1.93] | 0.550 [13.97] | 0.180 [4.57] |
| 28-35W000-11-RC | 28   | SOIC | 0.500 [12.70] | 0.300 [7.62] | 0.465 [11.81] | 0.076 [1.93] | 0.550 [13.97] | 0.180 [4.57] |



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18007RC  
 Rev. AB

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View 20-35W000-11-RC on WIN SOURCE](#)
- ⊖ [Aries Electronics Information](#)

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- ✓ Obsolete Management
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- ✓ Excess Inventory Management