



Series 350000-11-RC Lead-Free RoHS/WEEE Compliant SOIC DIP Adapters

FEATURES

- 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

SPECIFICATIONS

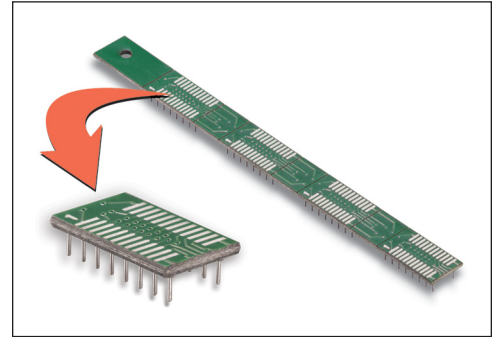
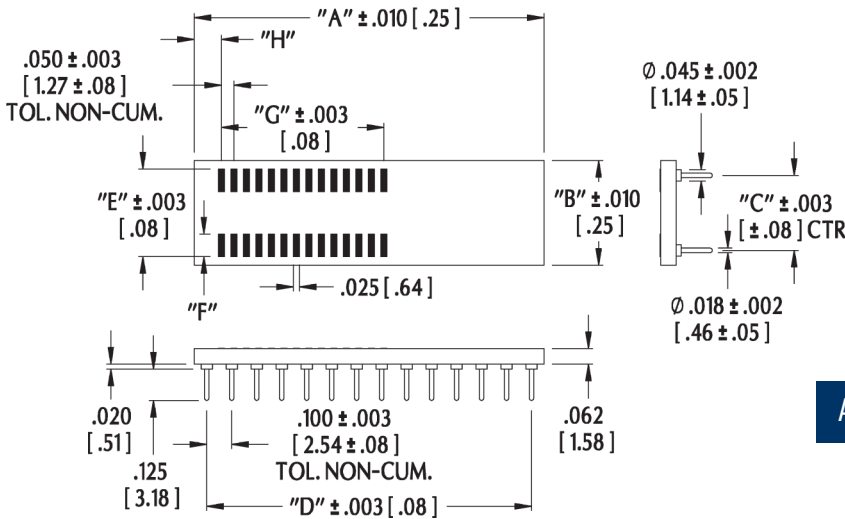
- Board Material: 0.062 thick FR406 or IS410 per IPC4101A/26 with 1-oz Copper-traces, both sides
- Pads: Finished with ENIG (Immersion Gold over Electroless Nickel)
- Pins: Brass Alloy 360 1/2-hard per UNS C36000 ASTM-B16-00
- Pin Plating: 10µ min. Gold Per MIL-G-45204 over 100µ min. Nickel per SAE-AMS-QQ-N-290
- Operating Temperature: 200°C maximum

MOUNTING CONSIDERATIONS

- Suggested PCB Hole Size: 0.028 ±0.003 [0.71 ±0.08] diameter

“A” = NO. OF PINS PER ROW X 0.100 [2.54]

“D” = (NO. OF PINS PER ROW - 1) X 0.100 [2.54]



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

(see Table below)

Available in panelized form with or without customer supplied devices mounted. Consult factory.

ALL DIMENSIONS: INCHES [MILLIMETERS]

All tolerances ±0.005 [0.13] unless otherwise specified

| P/N | Pins | Type | Dim. "B" | Centers "C" | Dim. "E" | Dim. "F" | Dim. "G" | Dim. "H" |
|-----------------|------|------|---------------|--------------|---------------|--------------|---------------|--------------|
| 08-350000-11-RC | 8 | SOIC | 0.460 [11.68] | 0.300 [7.62] | 0.455 [11.56] | 0.155 [3.94] | 0.150 [3.81] | 0.121 [3.07] |
| 14-350000-11-RC | 14 | SOIC | 0.450 [11.43] | 0.300 [7.62] | 0.420 [10.67] | 0.138 [3.51] | 0.500 [12.70] | 0.180 [4.57] |
| 16-350000-11-RC | 16 | SOIC | 0.450 [11.43] | 0.300 [7.62] | 0.420 [10.67] | 0.138 [3.51] | 0.550 [13.97] | 0.180 [4.57] |
| 18-350000-11-RC | 18 | SOIC | 0.450 [11.43] | 0.300 [7.62] | 0.420 [10.67] | 0.138 [3.51] | 0.550 [13.97] | 0.180 [4.57] |
| 20-350000-11-RC | 20 | SOIC | 0.450 [11.43] | 0.300 [7.62] | 0.420 [10.67] | 0.138 [3.51] | 0.550 [13.97] | 0.180 [4.57] |
| 24-350000-11-RC | 24 | SOIC | 0.450 [11.43] | 0.300 [7.62] | 0.420 [10.67] | 0.138 [3.51] | 0.550 [13.97] | 0.180 [4.57] |
| 20-350001-11-RC | 20 | SOJ | 0.420 [10.67] | 0.300 [7.62] | 0.350 [8.89] | 0.090 [2.29] | 0.550 [13.97] | 0.060 [1.52] |
| 28-350002-11-RC | 28 | SOIC | 0.400 [10.16] | 0.300 [7.62] | 0.350 [8.89] | 0.090 [2.29] | 0.650 [16.51] | 0.375 [9.53] |



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18010RC
Rev. F