



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# Series 354000 RoHS/WEEE-Compliant DIP-to-SOIC Adapter

## FEATURES

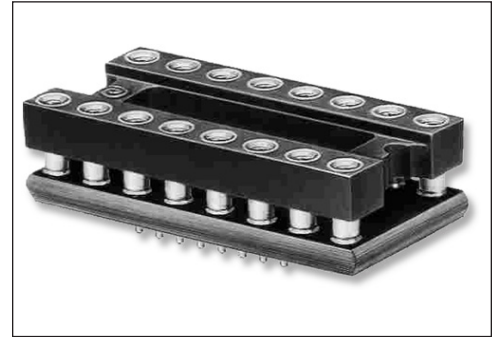
- Convenient, cost-effective means of converting DIP-to-SOIC PC board layouts

## GENERAL SPECIFICATIONS

- SOCKET BODY: black, UL 94V-0 glass-filled 4/6 Nylon 170°C continuous use temperature
- PCB: 0.062 [1.58] thick FR-4 or IS410 per IPC4101A/26 with 1-oz. Cu traces, both sides finished with ENIG (Immersion Au over Electroless Ni)
- MALE ADAPTOR PIN: Brass 360 1/2-hard per UNS C36000 ASTM-B16-00
- MALE PIN PLATING: 10μ [0.254μ] min. Au per MIL-G-45204 over 100μ [2.54μ] min. Ni per SAE-AMS-QQ-N-290
- FEMALE CONTACT PIN: Brass 360 1/2-hard per UNS C36000 ASTM-B16-00
- FEMALE PIN PLATING: 10μ [0.254μ] min. Au per MIL-G-45204 over 100μ [2.54μ] min. Ni per SAE-AMS-QQ-N-290
- 4-FINGER COLLET CONTACT: BeCu per UNS C17200 ASTM B194-01
- FEMALE CONTACT PLATING: 10μ [0.254μ] min. Au per MIL-G-45204 over 50μ [1.27μ] min. Ni per SAE-AMS-QQ-N-290
- CONTACT CURRENT RATING: 3 amps
- OPERATING TEMPERATURE: 221°F [105°C]
- INSERTION FORCE: 180g/pin; based on a 0.018 [0.46] dia. test lead
- WITHDRAWAL FORCE: 90g/pin; based on a 0.018 [0.46] dia. test lead
- NORMAL FORCE: 140g/pin; based on a 0.018 [0.46] dia. test lead
- SOCKET ACCEPTS: leads 0.015-0.025 [0.38-0.64] in dia., 0.0100-0.125 [2.54-3.18] long

## MOUNTING CONSIDERATIONS

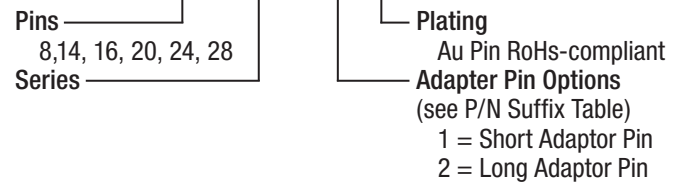
- SUGGESTED PCB SOLDER PAD SIZE: 0.028 [0.71] min. width



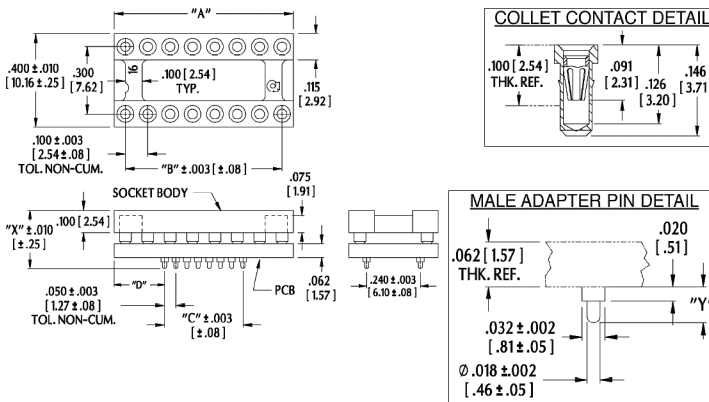
**CUSTOMIZATION:** In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE:** Aries reserves the right to change product general specifications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

## ORDERING INFORMATION

### XX-354000-X1-RC



ALL DIMENSIONS: INCHES [MILLIMETERS]  
 ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED  
 "A" = NO. OF PINS PER ROW x 0.100 [2.54]  
 "B" = (NO. OF PINS PER ROW - 1) x 0.100 [2.54]  
 CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS



P/N Suffix	Dim. "X"	Dim. "Y"
-11	0.265 [6.73]	0.050 [1.27]
-21	0.325 [8.26]	0.110 [2.79]

Pins	Dim. "A"	Dim. "B"	Dim. "C"	Dim. "D"
8	0.400 [10.16]	0.400 [10.16]	0.100 [2.54]	0.125 [3.18]
14	0.700 [17.78]	0.600 [15.24]	0.300 [7.62]	0.225 [5.72]
16	0.800 [20.32]	0.700 [17.78]	0.350 [8.89]	0.225 [5.72]
20	1.000 [25.40]	0.900 [22.86]	0.450 [11.43]	0.275 [6.99]
24	1.200 [30.48]	1.100 [27.94]	0.550 [13.97]	0.325 [8.26]
28	1.400 [35.56]	1.300 [33.02]	0.650 [16.51]	0.375 [9.53]



Bristol, PA 19007-6810 USA  
 TEL (215) 781-9956 • FAX (215) 781-9845  
 WWW.ARIESELEC.COM • INFO@ARIESELEC.COM



18009RC  
 Rev. AA