



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!



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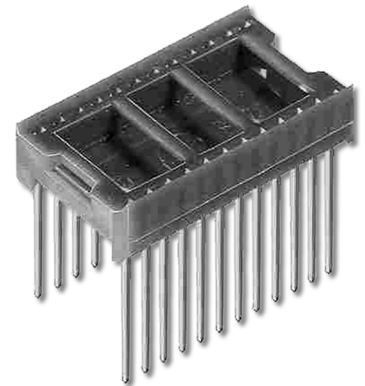
Series 501 Standard DIP Socket w/Bifurcated Contacts & Wire Wrap Pins

FEATURES

- Bifurcated Contacts in Standard DIP Sockets with Solder Tails or Wire Wrap Pins

GENERAL SPECIFICATIONS

- STANDARD BODY:** Black UL 94V-0 Glass-filled 4/6 Nylon
- BIFURCATED CONTACTS:** Grade A Spring-tempered Phosphor Bronze per QQ-B-750
- PIN PLATING:** 10 μ [0.25 μ] min. Au per MIL-G-45204 over 50 μ [1.27 μ] min. Ni per SAE AMS-QQ-N-290B; -OR- 200 μ [5.08 μ] min. matte Sn per ASTM B545-97(2004)e1 over 50 μ [1.27 μ] min. Ni per SAE AMS-QQ-N-290B; -OR- 200 μ [5.08 μ] min. 90/10 Sn/Pb per MIL-T-10727 Type 1 over 50 μ [1.27 μ] min. Ni per SAE AMS-QQ-N-290B
- CONTACT CURRENT RATING:** 1.5 amps
- INSERTION FORCE:** 110g/pin average
- WITHDRAWAL FORCE:** 75g/pin average
- OPERATING TEMPERATURE:** -67°F to 221°F [-55°C to 105°C] Sn; -67°F to 257°F [-55°C to 125°C] Au
- LEADS ACCEPTED:** Flat leads up to 0.014 thick x 0.020 wide [0.36-0.51], Round leads up to 0.020 [0.51] dia.
- LEAD LENGTHS:** from seating plane from 0.075-0.160 [1.91-4.06]

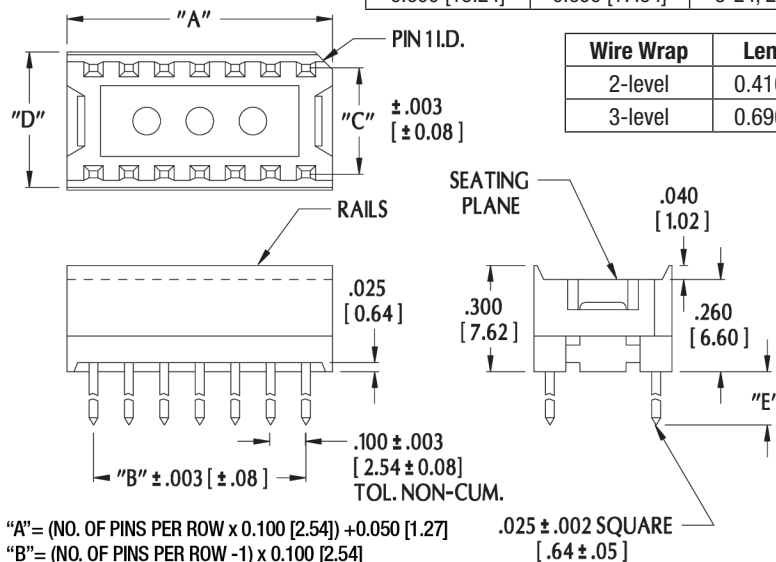


MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE:** 0.045 \pm 0.002 [1.12 \pm 0.05] dia.

Centers "C"	Width "D"	Available Sizes
0.200 [5.08]	0.290 [7.36]	8, 10
0.300 [7.62]	0.390 [9.90]	8, 14-20
0.400 [10.16]	0.490 [12.45]	22
0.600 [15.24]	0.690 [17.54]	8-24, 28-40, 48

Wire Wrap	Length "E"
2-level	0.410 [10.41]
3-level	0.690 [17.52]



ORDERING INFORMATION

XX-X 501-X XXX XX

- Rails Option**
WR = Without Rails
- Plating**
0 = Sn
1 = Au
OTL = Sn/Pb
- Termination**
2 = 2-level Wire Wrap
3 = 3-level Wire Wrap
- Series**
- Row-to-Row Spacing (Dim. "C")**
2 = 0.200 [5.08]
3 = 0.300 [7.62]
4 = 0.400 [10.16]
6 = 0.600 [15.24]
- No. of Pins**
(See Table)

ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ± 0.005 [0.13] UNLESS OTHERWISE SPECIFIED
FOR SOLDER PIN TAILS, SEE DATA SHEETS 12004
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

CUSTOMIZATION: ARIES SPECIALIZES IN CUSTOM DESIGN AND PRODUCTION. SPECIAL MATERIALS, PLATINGS, SIZES, AND CONFIGURATIONS CAN BE FURNISHED, DEPENDING ON QUANTITY.

ARIES RESERVES THE RIGHT TO CHANGE PRODUCT GENERAL SPECIFICATIONS WITHOUT NOTICE

PRINTOUTS OF THIS DOCUMENT MAY BE OUT-OF-DATE AND SHOULD BE CONSIDERED UNCONTROLLED



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