



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 C81/C91 Standard Dual Beam Wire Wrap Edge-Grip Socket

FEATURES

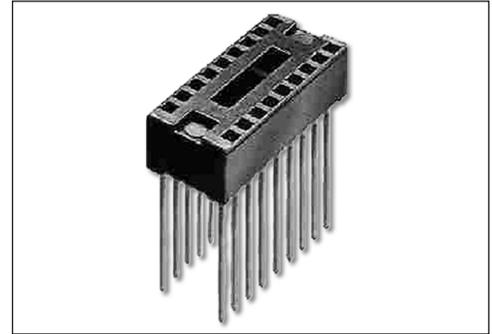
- Dual beam, edge-grip contacts provide high retention with positive wiping action
- Removable cover provides lower profile
- Side-to-side stackable

GENERAL SPECIFICATIONS

- BODY: black UL 94V-0 glass-filled 4/6 Nylon
- DUAL BEAM CONTACT: Grade A Phosphor Bronze, 1/2-hard
- CONTACT PLATING: (all over 50µ [1.27µ] Ni per SAE-AMS-QQ-N-290); Sn 200µ [5.08µ] min. matte Sn per ASTM B545-97; Sn/Pb 50-150µ [1.27-3.81µ] min. 90/10 Sn/Pb per MIL-P-81728; Au 10µ [0.25µ] min. per MIL-G-45204
- CONTACT CURRENT RATING: 1.5 amp
- CONTACT RESISTANCE: 20 mΩ initial
- INSULATION RESISTANCE: 100 mΩ @ 500 VDC per MIL-STD-1344, method 3003.1
- DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC
- OPERATING TEMPERATURE: Sn -67°F to 221°F [-55°C to 105°C]; Au -67°F to 257°F [-55°C to 125°C]
- SOLDERABILITY: MIL-STD-202, Method 208, less heat aging
- WITHOUT COVER: accepts leads up to 0.011 x 0.018 ±0.003 [0.28 x 0.46 ±0.08] or 0.021 [0.53] dia.
- WITH COVER: accepts leads 0.100-0.200 [2.54-5.08] long

MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.046 ±0.002 [1.17 ±0.05] dia.

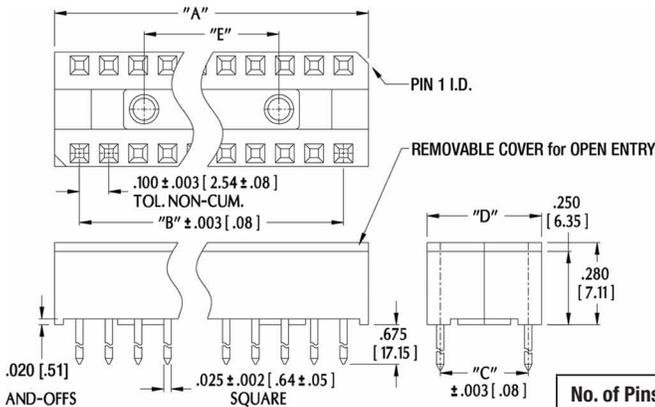


CUSTOMIZATION: In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE:** Aries reserves the right to change product general specifications without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

ORDERING INFORMATION

C XX XX-XX TL

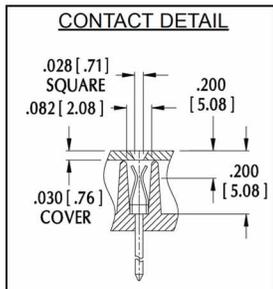
- Socket Series
- Pin Plating
 - 91 = Au
 - 81 = Sn
- No. of Pins (see Table)
- Optional Plating Sn/Pb
 - C81 Series
 - 04 = Closed Entry
 - 54 = Open Entry w/o Cover
 - C91 Series
 - 00 = Closed Entry
 - 50 = Open Entry w/o Cover



ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

No. of Pins	Dim "A"	Dim "B"	Dim "C"	Dim "D"	Dim "E"
8	0.465 [11.81]	0.300 [7.62]	0.300 [7.62]	0.400 [10.16]	N/A
14	0.765 [19.43]	0.600 [15.24]	0.300 [7.62]	0.400 [10.16]	0.300 [7.62]
16	0.865 [21.97]	0.700 [17.78]	0.300 [7.62]	0.400 [10.16]	0.400 [10.16]
18	0.965 [24.51]	0.800 [20.32]	0.300 [7.62]	0.400 [10.16]	0.400 [10.16]
20	1.065 [27.05]	0.900 [22.86]	0.300 [7.62]	0.400 [10.16]	0.400 [10.16]
22	1.180 [29.97]	1.000 [25.40]	0.400 [10.16]	0.500 [12.70]	0.500 [12.70]
24	1.280 [32.51]	1.100 [27.94]	0.600 [15.24]	0.700 [17.78]	0.500 [12.70]
28	1.480 [37.59]	1.300 [33.02]	0.600 [15.24]	0.700 [17.78]	0.500 [12.70]
36	1.880 [47.75]	1.700 [43.18]	0.600 [15.24]	0.700 [17.78]	0.800 [20.32]
40	2.080 [52.83]	1.900 [48.26]	0.600 [15.24]	0.700 [17.78]	0.800 [20.32]



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