



Series 511 Standard DIP Socket w/Bifurcated Contacts & Solder Pin Tails

FEATURES

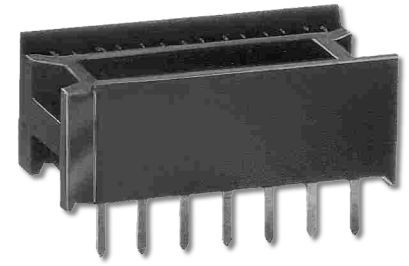
- Bifurcated Contacts with Solder Tail or Wire Wrap Pins

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:** 50-130 μ min. matte Sn per ASTM B545-97(2004)e1 over 50 μ Ni per SAE AMS-QQ-N-290B; -OR- 50-130 μ 90/10 Sn/Pb per MIL-T-10727 Type 1 over 50 μ Ni per SAE AMS-QQ-N-290B; -OR- 10 μ [0.25 μ] min. Au per MIL-G-45204 over 50 μ Ni per SAE AMS-QQ-N-290B
- CONTACT CURRENT RATING:** 1 amp
- OPERATING TEMPERATURE:** -67°F to 221°F [-55°C to 105°C] Sn; -67°F to 257°F [-55°C 125°C] Au
- INSERTION FORCE:** 110g/pin average
- WITHDRAWAL FORCE:** 75g/pin average
- ACCEPTS LEADS:** Flat up to 0.014 thick x 0.020 wide [0.36 x 0.51], Round up to 0.020 [0.51] dia.
- LEAD LENGTHS:** accepts lengths from seating plane from 0.075-0.160 [1.91-4.06]

MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE:** 0.035 \pm 0.002 [0.89 \pm 0.05] dia.



ORDERING INFORMATION

XX-X 511-X XXX XX

Rails Option
WR = Without Rails

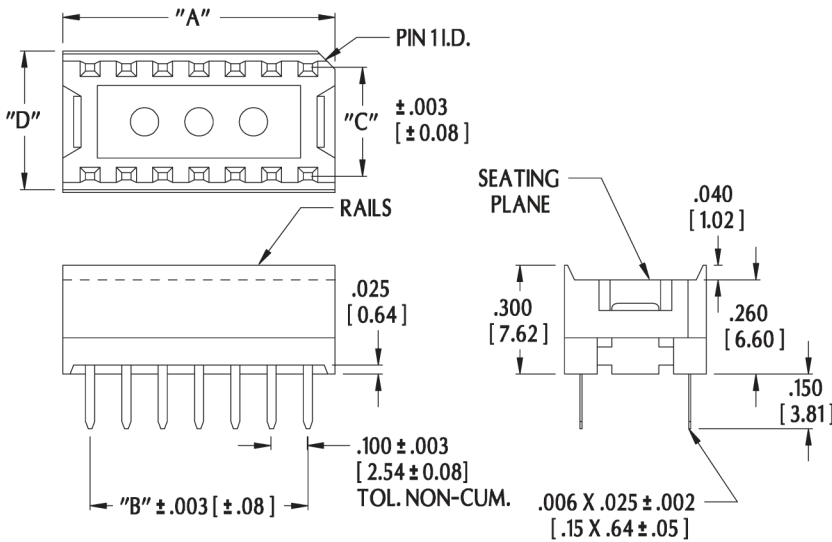
Plating
0 = Sn
1 = Au
OTL = Sn/Pb

Termination
1 = Solder Pin Tail

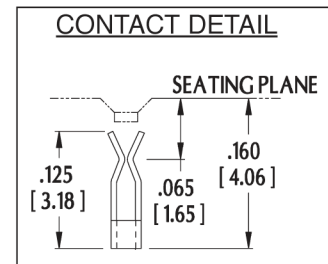
Series

Row-to-Row Spacing (Dim. "C")
2 = 0.200 [5.08]
3 = 0.300 [7.62]
6 = 0.600 [15.24]

No. of Pins
(See Table)



| 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 |
| 0.600 [15.24] | 0.690 [17.54] | 8-24, 28-40, 48 |



ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ± 0.005 [0.13] UNLESS OTHERWISE SPECIFIED
FOR WIRE WRAP PINS, SEE DATA SHEETS 12005
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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ARIES
ELECTRONICS, INC.

2609 Bartram Road • Bristol, PA 19007-6810 USA
TEL 215-781-9956 • FAX 215-781-9845
WWW.ARIESELEC.COM • INFO@ARIESELEC.COM



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