



Series 511 Standard DIP Sockets with Solder Tail Bifurcated Contacts

FEATURES:

- Standard DIP sockets are available with solder tail or wire wrap pins, all with bifurcated contacts. Consult Data Sheet No. 12005 for wire wrap pins.
- Aries offers these standard DIP sockets in more sizes than any other manufacturer.

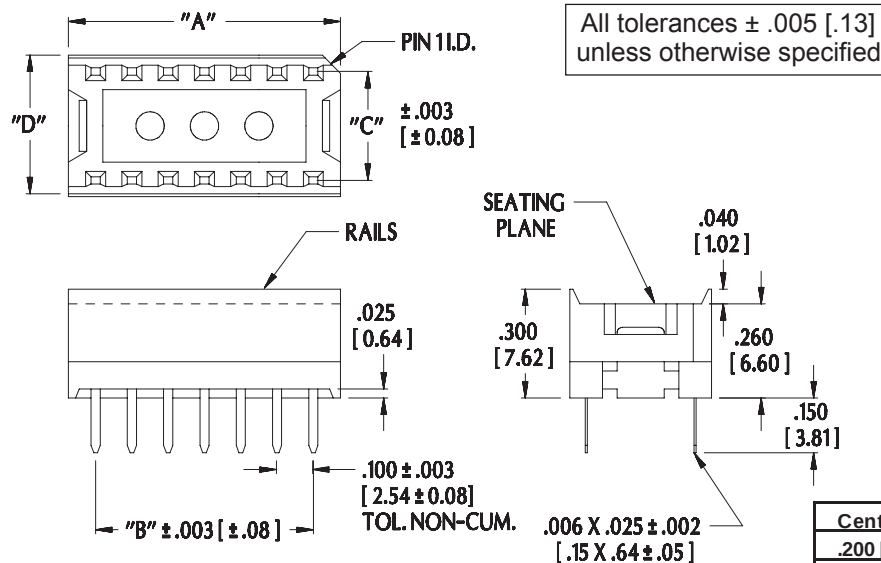
SPECIFICATIONS:

- Standard body material is black UL 94 V-0 Glass-filled 4/6 Nylon.
- Bifurcated contacts are Grade A spring-tempered Phosphor Bronze per QQ-B-750.
- Pin plating is:
0 = 50-130 μ " min Matte Tin per ASTM B545-97 over 50 μ " Nickel per SAE-AMS-QQ-N-290.
OTL = 50-130 μ " 90/10 Tin/Lead per MIL-T-10727 Type 1 over 50 μ " Nickel per SAE-AMS-QQ-N-290.
1 = 10 μ " min. Gold per MIL-G-45204 over 50 μ " Nickel per SAE-AMS-QQ-N-290.
- Contact current rating=1 Amp.
- Operating Temp. = -67°F to 221°F [-55°C to 105°C] Tin
 = -67°F to 257°F [-55°C 125°C] Gold
- Insertion Force=110 grams/pin average; Withdrawal Force=75 grams/pin average.
- Accepts flat leads up to .014 thk. x .020 wide [.36 x .51], round leads up to .020 [.51] in diameter.
- Socket accepts lead lengths from seating plane from .075-.160 [1.91-4.06].

Mounting Considerations:

- Suggested PCB hole size=.035 $\pm$.002 [.89 $\pm$.05]. dia.

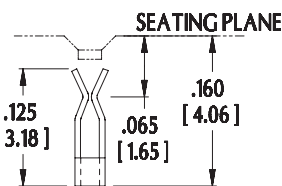
ALL DIMENSIONS: INCHES [MILLIMETERS]



All tolerances $\pm$.005 [.13] unless otherwise specified

Consult Data Sheet No. 12005 for standard DIP sockets with wire wrap bifurcated contacts.

CONTACT DETAIL



Centers "C"	Width "D"	Available Sizes
.200 [5.08]	.290 [7.36]	8, 10
.300 [7.62]	.390 [9.90]	8, 14-20
.400 [10.16]	.490 [12.45]	22
.600 [15.24]	.690 [17.54]	8-24, 28-40, 48

"A"=(NO. OF PINS PER ROW X .100 [2.54]) + .050 [1.27]
 "B"=(NO. OF PINS PER ROW - 1) X .100 [2.54]



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 REV. E