



Series 501 Standard DIP Sockets with Wire Wrap Bifurcated Contacts

FEATURES:

- Standard DIP Sockets are available with solder tail or wire wrap pins, all with bifurcated contacts. Consult Data Sheet No. 12004 for solder tail pins.
- Aries offers these standard DIP sockets in more sizes than any other manufacturer.

SPECIFICATIONS:

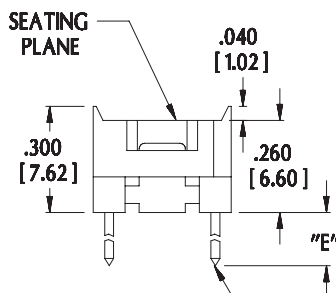
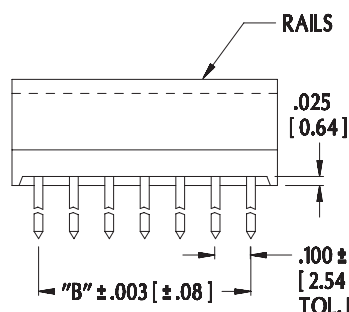
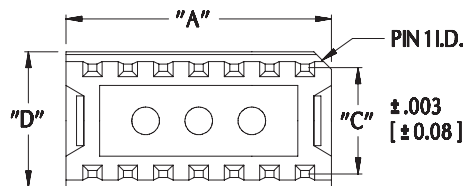
- Standard body material is black UL 94 V-0 Glass-filled 4/6 Nylon.
- Bifurcated contacts are Grade A spring-tempered Phosphor Bronze per QQ-B-750.
- Pin plating is:
1 = 10µ" [.25µm] min. Gold per MIL-G-45204 over 50µ" [1.27µm] min. Nickel per SAE-AMS-QQ-N-290.
0 = 200µ" min Matte Tin per ASTM B545-97 over 50µ" min Nickel per SAE-AMS-QQ-N-290.
OTL = 200µ" min. 90/10 Tin/Lead per MIL-T-10727 Type 1 over 50µ" min. Nickel per SAE-AMS-QQ-N-290.
- Contact current rating=1.5 Amps.
- Insertion Force=110 grams/pin average; Withdrawal Force=75 grams/pin average.
- Operating Temp. =-67°F to 221°F [-55°C to 105°C] Tin
=-67°F to 257°F [-55°C to 125°C] Gold
- Accepts flat leads up to .014 thk. x .020 wide [.36-.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:

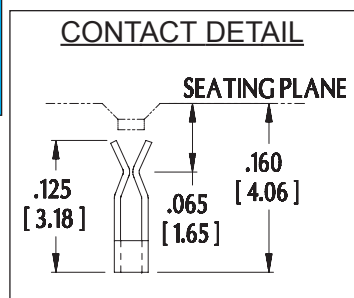
- Suggested PCB hole size=.045 ± .002 [1.12 ± .05]. dia.

ALL DIMENSIONS: INCHES [MILLIMETERS]

All tolerances ± .005 [.13]
unless otherwise specified



Consult Data Sheet No. 12004 for standard DIP sockets with solder tail bifurcated contacts.



Wire wrap	Length "E"
2 level	.410 [10.41]
3 level	.690 [17.52]

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

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