



- Aries offers a full line of Vertisockets™ for DIP packaging of LEDs, incandescent lamps, DIP switches, test points, etc. The variations of mounting position and pin configuration provide exceptional design freedom.
- Restricted entry for contact protection.
- Accepts standard LEDs and incandescent displays as well as .500 [12.70] and .600 [15.24] high large displays.

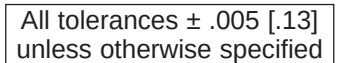
- Standard body material is black UL 94V-0 4/6 Nylon.
- Bifurcated contacts are Grade A spring-tempered Phosphor Bronze per QQ-B-750.
- Standard contact plating is 10µ [.25µm] min. Gold per MIL-G-45204 over 50µ" min. Nickel per QQ-N-290.

Plating Options:

- T= 200µ" min Matte Tin per ASTM B545-97 over 50µ" min. Nickel per QQ-N-290.
- TL= 200µ" min Bright 90/10 Tin/Lead per MIL-T-10727 Type 1 over 50µ" min. Nickel per QQ-N-290.

- Spacer = Fishpaper.
- Contact current rating=1.5 Amps.
- Operating temperature=221 °F [105°C] Tin & Tin/Lead plating,
=257°F [125°C] Gold plating.
- Insertion Force=110 grams/pin average; Withdrawal Force=75 grams/pin average.
- Accepts flat leads up to .014 [.36] thick and .020 [.51] wide; round leads up to .020 [.51] in diameter.
- Accepts lead lengths: .075-.160 [1.91-4.06].

- Suggested PCB hole size = $.044 \pm .002$ [$1.12 \pm .05$] dia.

$$\text{"A"} = (\text{NO. OF PINS PER ROW} \times .100 [2.54]) + .050 [1.27]$$
$$\text{"B"} = (\text{NO. OF PINS PER ROW} - 1) \times .100 \quad [2.54]$$


Consult factory for sizes not shown and other display angles

Consult Data Sheet
No. 13002 for
Vertical Mounting
Vertisockets™ with
bifurcated contacts.



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13001
REV.D