Series 501 Standard DIP Socket w/Bifurcated Contacts & Wire Wrap Pins

FEATURES
- Bifurcated Contacts in Standard DIP Sockets with Solder Tails 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
- CONTACT CURRENT RATING: 1.5 amps
- INSERTION FORCE: 110g/pin average
- WITHDRAWAL FORCE: 75g/pin average
- OPERATING TEMPERATURE: -67°F to 221°F [-55°C to 105°C] Sn; -67°F to 257°F [-55°C to 125°C] Au
- LEADS ACCEPTED: Flat leads up to 0.014 thick x 0.020 wide [0.36-0.51], Round leads up to 0.020 [0.51] dia.
- LEAD LENGTHS: from seating plane from 0.075-0.160 [1.91-4.06]

MOUNTING CONSIDERATIONS
- SUGGESTED PCB HOLE SIZE: 0.045 ±0.002 [1.12 ±0.05] dia.

**ORDERING INFORMATION**

XX-X 501-X XXX XX

Rails Option
WR = Without Rails
Plating
0 = Sn
1 = Au
0TL = Sn/Pb
Termination
2 = 2-level Wire Wrap
3 = 3-level Wire Wrap
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)

**WIRE WRAP LENGTH “E”**
- 2-level: 0.410 [10.41]
- 3-level: 0.690 [17.52]

**CONTACT DETAIL**

CUSTOMIZATION: ARIES SPECIALIZES IN CUSTOM DESIGN AND PRODUCTION. SPECIAL MATERIALS, PLATINGS, SIZES, AND CONFIGURATIONS CAN BE FURNISHED, DEPENDING ON QUANTITY.

ARIES RESERVES THE RIGHT TO CHANGE PRODUCT GENERAL SPECIFICATIONS WITHOUT NOTICE.

PRINTOUTS OF THIS DOCUMENT MAY BE OUT-OF-DATE AND SHOULD BE CONSIDERED UNCONTROLLED.

**ALL DIMENSIONS: INCHES [MILLIMETERS]**
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
FOR SOLDER PIN TAILS, SEE DATA SHEETS 12004
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS