



# High-Temp (250°C) Universal ZIF DIP Burn-in & Test Socket – (300°C Special Order)

## FEATURES

- Accepts devices on 0.300 to 0.600 [7.62 to 15.24] centers
- All pin counts go into PCB with either 0.300 or 0.600 [7.62 or 15.24] centers
- Contacts normally-closed to eliminate dependence on plastic to sustain contact integrity
- Socket handle configured with closed contacts (on) when in the UP or DOWN position, and mounted on the RIGHT or LEFT side of socket



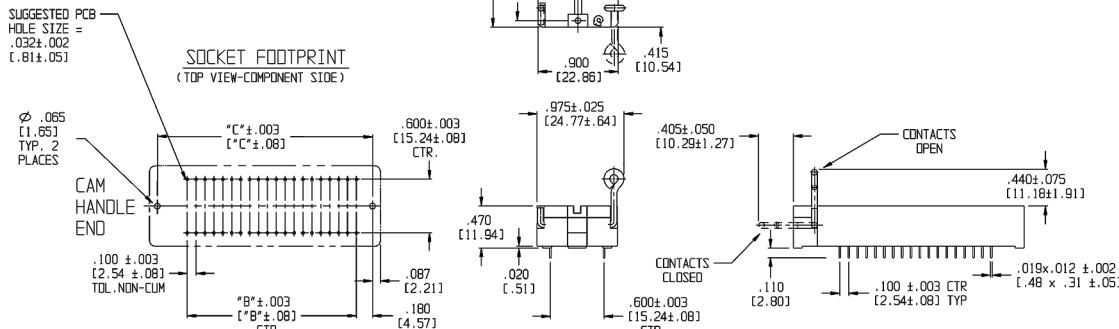
## GENERAL SPECIFICATIONS

- **SOCKET BODY:** natural UL 94V-0 glass-filled Polyetheretherketone (PEEK)
- **HANDLE:** Stainless Steel
- **CONTACTS:** BeNi 360, 1/2 hard
- **CONTACT PLATING:** 50 $\mu$  [1.27 $\mu$ ] min. NiB : for 300°C [572°F] 100 $\mu$  inches [2.54 $\mu$ m] min. Au, MIL-G-45204, Type 1 (no hardeners or additives) over 100 $\mu$  inches [2.54 $\mu$ m] min. low-stress Ni
- **CONTACT CURRENT RATING:** 1 amp
- **OPERATING TEMPERATURES:** -85°F to 482°F [-65°C to 250°C] NiB version  
-85°F to 572°F [-65°C to 300°C] heavy Au version
- **RETENTION FORCE (closed):** 55g/pin based on a 0.020 [0.51] dia. test lead
- **INSULATION RESISTANCE:** 1000 MΩ min.
- **DIELECTRIC WITHSTANDING VOLTAGE:** 1000 VAC
- **LIFE CYCLE:** 25,000 to 50,000 cycles
- **ACCEPTS LEADS:** 0.015-0.045 [0.38-1.14] wide, 0.110-0.280 [2.79-7.11] long

## MOUNTING CONSIDERATIONS

- See Socket Footprint below

"A" = (NO. OF PINS PER ROW x 0.100 [2.54]) + 0.590 [14.99]  
 "B" = (NO. OF PINS PER ROW -1) x 0.100 [2.54]  
 "C" = (NO. OF PINS PER ROW x 0.100 [2.54]) + 0.415 [10.54]



ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES:  $\pm 0.005$  [0.13] UNLESS OTHERWISE SPECIFIED

DO NOT USE THIS SOCKET IN A BURN-IN OVEN WITH CONTACTS IN OPEN POSITION, AS IT WILL DAMAGE THE SOCKET

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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

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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](http://WWW.ARIESELEC.COM) • [INFO@ARIESELEC.COM](mailto:INFO@ARIESELEC.COM)



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Rev. 2.2  
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