



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:** 50μ [1.27μ] min. NiB
- **CONTACT CURRENT RATING:** 1 amp
- **OPERATING TEMPERATURES:** -67°F to 482°F [-55°C to 250°C]
- **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:** 0.014-0.045 [0.38-1.14] wide, 0.110-0.280 [2.79-7.11] long

MOUNTING CONSIDERATIONS

- See Socket Footprint below

ORDERING INFORMATION

XX-X55X-X X

Plating

8 = NiB

Termination

1 = Solder Pin Tail

Handle Options

1 = Left up is closed

2 = Right up is closed

3 = Left down is closed

4 = Right down is closed (std)

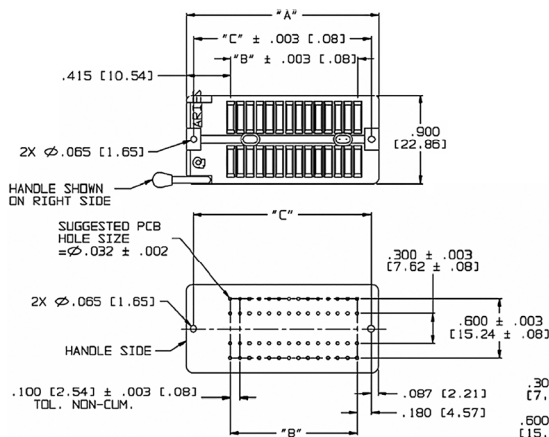
Row-to-Row Spacing (btm)

3 = 0.300 [7.62]

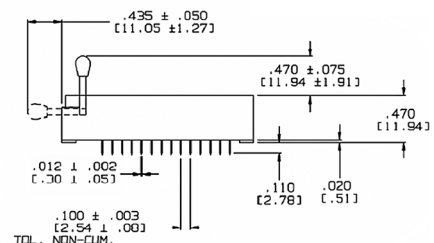
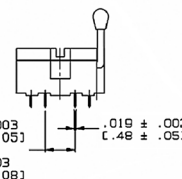
6 = 0.600 [15.24]

No. of Pins

24, 28, 32, 36, 40, 42, 44, 48



"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: ±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.

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