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

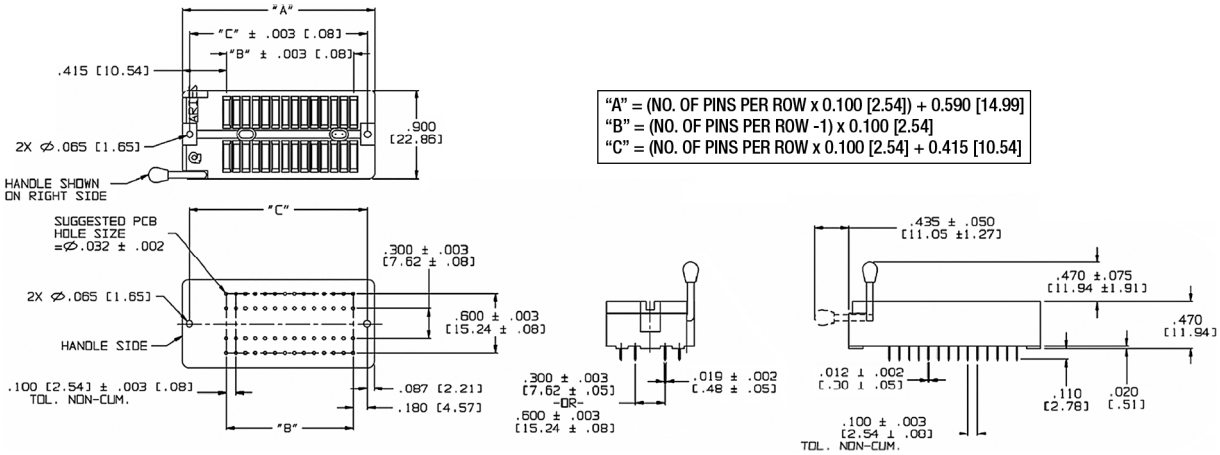
MOUNTING CONSIDERATIONS

- 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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ARIES ELECTRONICS, INC.
2609 Bartram Road • Bristol, PA 19007-6810 USA
TEL 215-781-9956 • FAX 215-781-9845
WWW.ARIESELEC.COM • INFO@ARIESELEC.COM

RoHS Compliant