**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 : for 300°C [572°F] 100μ inches [2.54μm] min. Au, MIL-G-45204, Type 1 (no hardeners or additives) over 100μ inches [2.54μm] 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

**ORDERING INFORMATION**

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XX-X55X-1 X
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- **Plating**: 8 = NIB
- **OHT** = Au 300°C (special order, call factory)
- **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

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**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.

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

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