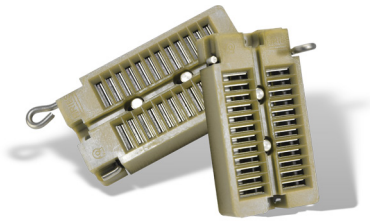
High-Temp (250°C) Universal ZIF DIP Burn-in & Test Socket – (300°C Special Order)

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

XX-X55X-1 X

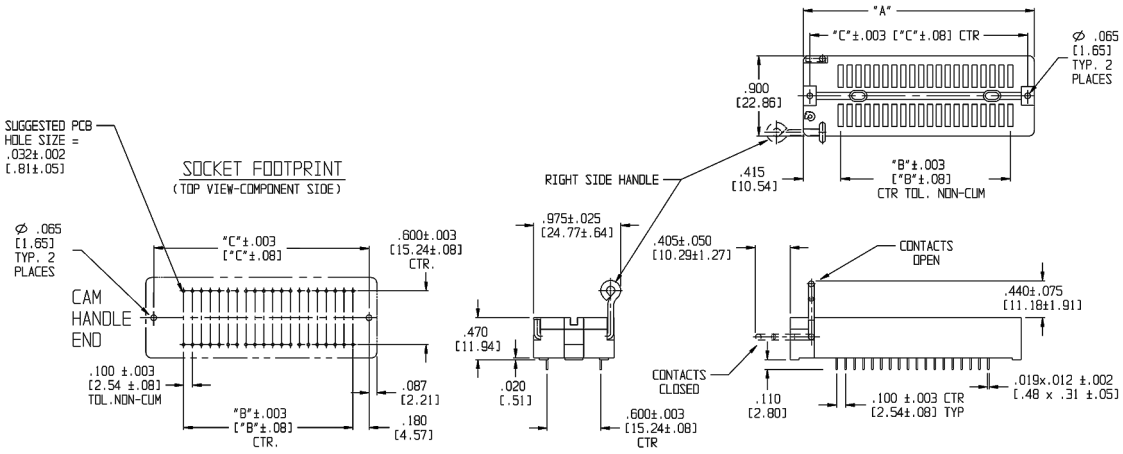
Plating
- 8 = NiB
- 0HT = Au 300°C (special order, call factory)

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



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

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