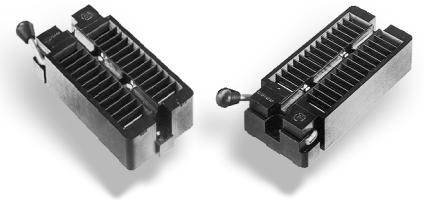




Series 55 High-Temperature Universal Zero-Insertion-Force DIP Test Socket

FEATURES

- Universal Test Socket accepts Devices on 0.300 to 0.600 [7.62 to 15.24] Centers
- All Pin Count Sockets 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-hand Side
- Sockets can be Soldered into PCBs or Receptacles



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] NiB
- **CONTACT CURRENT RATING:** 1 amp
- **OPERATING TEMPERATURE:** -67°F [-55°C] min.; 482°F [250°C] max.
- **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-X X

Plating

8 = NiB

Termination

1 = Solder Pin Tail

Handle Options

1 = Left, up is on (closed)

2 = Right, up is on (closed)

3 = Left, down is on (closed)

4 = Right, down is on (closed) Std

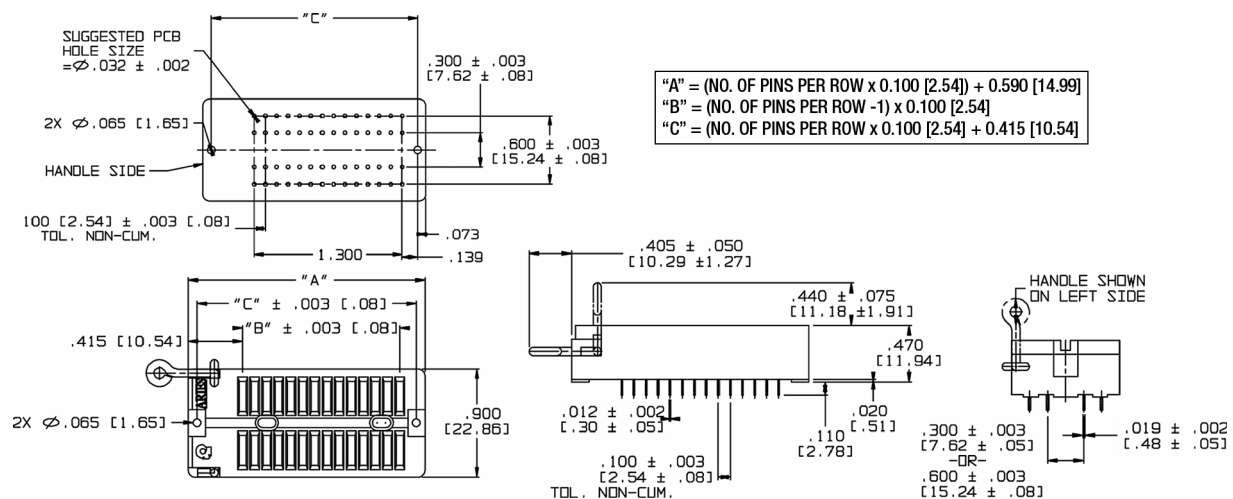
Row-to-Row Spacing (btm)

3 = 0.600 [15.24]

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

FOR TEST SOCKET RECEPTACLES, SEE DATA SHEET 10003

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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Rev. 1.5
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