



- 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



- **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

ORDERING INFORMATION

XX-X55X-1 X

Plating

8 = NiB

OHT = Au **300°C** (special order,
call factory)

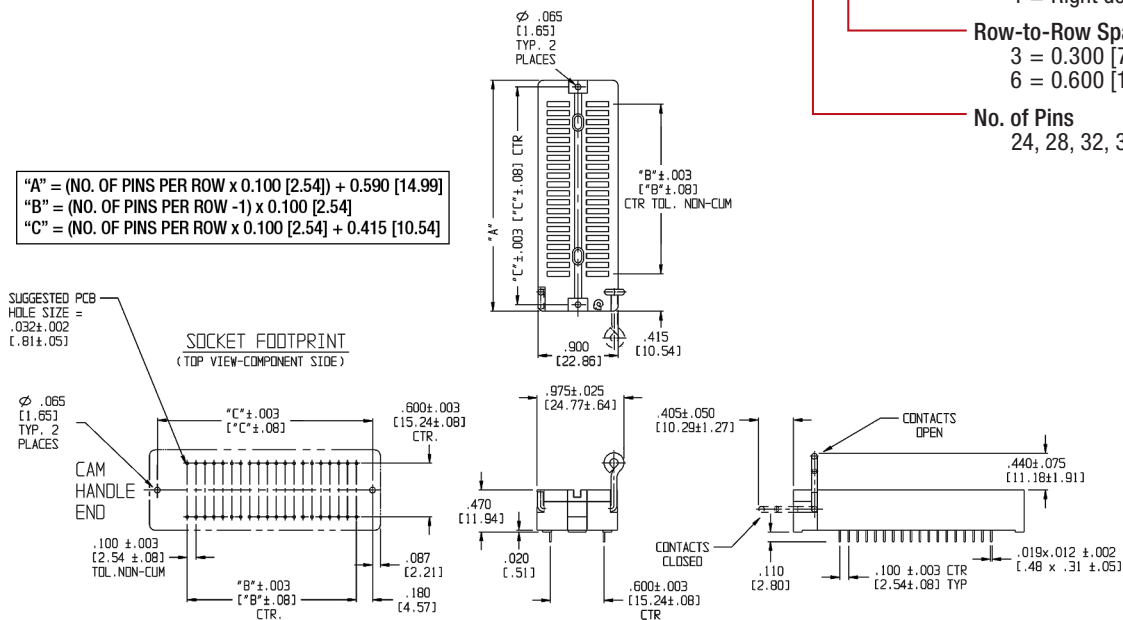
Termination

1 = Solder Pin Tail

- See Socket Footprint below

XX-X55X-1 X

- **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



CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

**PRINTOUTS OF THIS DOCUMENT MAY BE OUT-OF-DATE AND SHOULD BE
CONSIDERED UNCONTROLLED**



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

