



- Eliminates time consuming hand insertion of pins.
- Accurate alignment with the PCB hole pattern makes multiple pin insertion fast and easy.
- Available with 4 standard pin styles. Consult factory for pin styles and platings not shown.

- Disposable carrier is Brass.
- Pin body material is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-85.
- Pin body plating is 200μ [5.08μm] 93/7 Tin/Lead per MIL-P-81728 over 100μ [2.54μm] min. Nickel per QQ-N-290.
- 4-fingered collet contact is Beryllium Copper Alloy per UNS C17200 ASTM-B194-92.
- Contact plating is 30μ [.76μm] min. Gold (10μ [.25μm] Gold for pin style 1 w/ optional barb) per MIL-G-45204 over 50μ [1.27μm] min. Nickel per QQ-N-290.
- Contact current rating=3 Amps.
- Operating temperature=221°F [105°C].
- Insertion Force=180 grams/pin; Withdrawal Force=90 grams/pin; Normal Force=140 grams/pin; based on a .018 [.46] dia. test lead.
- Midget pin: Insertion force=370 grams/pin; Withdrawal Force=150 grams/pin; Normal Force=240 grams/pin; based on a .018 [.46] dia. test lead.
- Accepts leads .015-.025 [.38-.64] in diameter; midget pin accepts up to .022 [.56] diameter leads.
- See pin detail for min/max lead lengths.

- See table below.

All tolerances $\pm .005$ [.13]
unless otherwise specified

"B"=(NO. OF PINS PER ROW - 1) X .100 [2.54]

[illegible]

Technical drawing of the 1000 Series 1/2. The drawing shows a side view of the device with dimensions: "A" (overall length), .075 [1.91] (width of the top section), .080 ± .010 [2.03 ± .25] (width of the top section), .210 [5.33] (height of the top section), "B" ± .003 [.08] (width of the bottom section), and "C" ± .003 [.08] (width of the bottom section). A table in the top right corner lists the material for the top, middle, and bottom sections: PI, PI, and PI respectively.

Suggested PCB Hole Size ± .002 [.05]	
Pin style 1	.030 [.76]
Pin style 2	.063 [1.60]
Pin style 3	.040 [1.02]

Technical drawing of a tapered pin with dimensions in inches and millimeters:

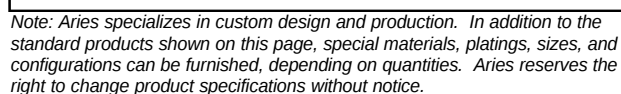
- Top diameter: $\varnothing .072$ [1.83]
- Second diameter from top: $\varnothing .053$ [1.35]
- Third diameter from top: $\varnothing .022$ [.56]
- Bottom diameter: $\varnothing .030 \pm .002$ [.76 $\pm$.05]
- Top chamfer: $.020$ [.51]
- First taper section: $.070$ [1.78]
- Second taper section: $.155$ [3.94]
- Third taper section: $.095$ [2.41]
- Bottom chamfer: $.095$ [2.41]



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14012
REV.C



XX-X540-X0X

B=optional
barb (Pin
style 1 only)

- Gold collet/Tin shell

- Pin style:

1=standard solder tail
2=abbreviated solder tail
3=midget solder tail

No. of pins: 
 2-24 single row
 6-24 .300 [7.62] centers
 6-40 .600 [15.24] centers
 Row-to-row spacing: 
 0: single row
 3: "C"=.300 [7.62]
 6: "C"=.600 [15.24]