



Part No. 1107741 and 1108800 Oscillator Sockets

FEATURES:

- This four pin socket (in 14 & 8 position frames) accept standard oscillator packages.
- Designed to be end-to-end or side-to-side stackable.
- Machine insertable.

SPECIFICATIONS:

- Body material is blue UL 94V-0 Glass-filled Polyester Thermoplastic (PBT).
- Pin body is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-85.
- Pin body plating is 200 μ [1.27 μ m] min. 93/7 Tin/Lead per MIL-P-81728 over 100 μ [2.54 μ m] min. Nickel per QQ-N-290.
- 4-fingered collet contact is Beryllium Copper Alloy per UNS C17200 ASTM-B194-92.
- Contact plating is 10 μ [.25 μ m] min. Gold per MIL-G-45204 over 50 μ [1.27 μ m] 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] diameter test lead.
- Accepts leads .015-.025 [.38-.64] in diameter, .100-.146 [2.54-3.71] in length.

MOUNTING CONSIDERATIONS:

- Suggested PCB hole size=.030 \pm .002 [.76 \pm .05] dia.

ALL DIMENSIONS: INCHES [MILLIMETERS]

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



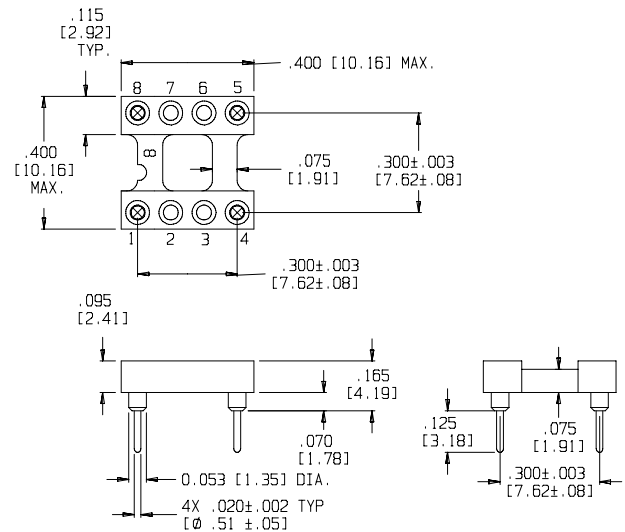
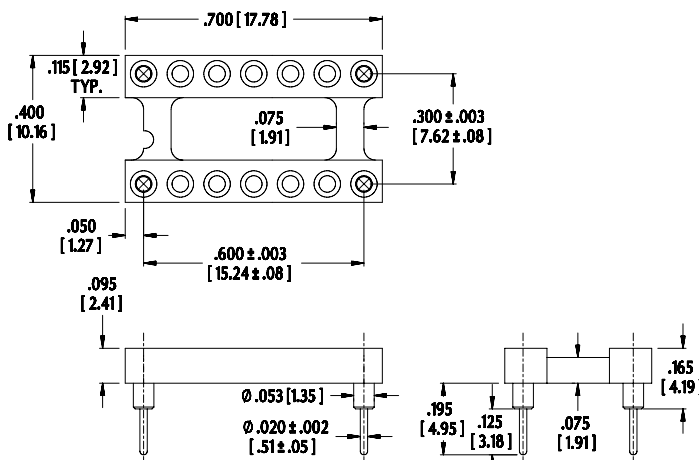
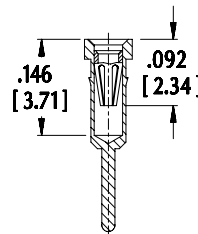
Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

ORDERING INFORMATION

1107741 = 14 Pin Version

1108800 = 8 Pin Version

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