



Part No. 1107741 Oscillator Socket

FEATURES:

- This four pin socket (in a 14 position frame) accepts 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 QQ-B-626.
- Pin body plating is 200 μ [1.27 μ m] min. Tin per MIL-T-10727 over 100 μ [2.54 μ m] min. Nickel per QQ-N-290.
- 4-fingered collet contact is Beryllium Copper Alloy 172 HT, per QQ-C-533.
- 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.



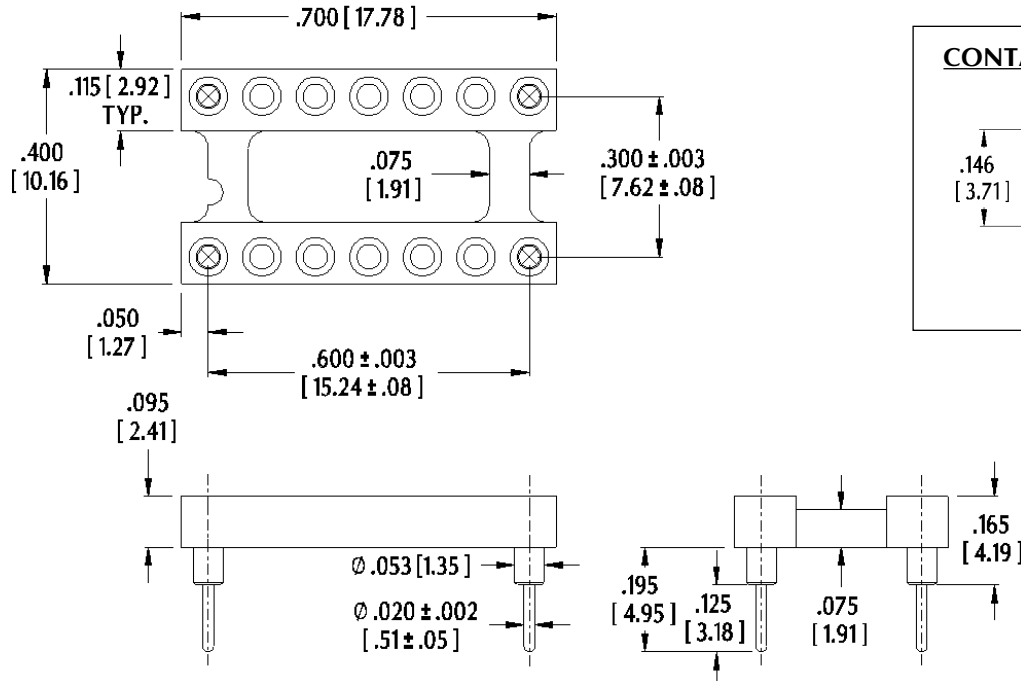
Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

ORDERING INFORMATION

Specify Part No. 1107741
when ordering

ALL DIMENSIONS: INCHES [MILLIMETERS]

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



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