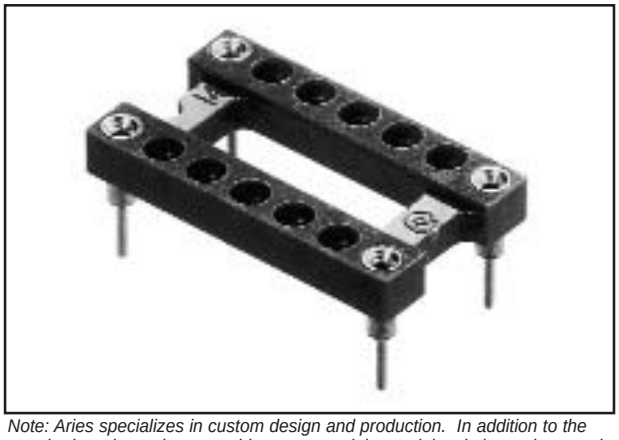
Part No. 1107741 and 1108800
Oscillator Sockets

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

SPECIFICATIONS:
- Body material is black UL 94V-0 Glass-filled 4/6 Nylon.
- Pin body is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-00.
- Pin body plating is 200µ [5.08µm] min Tin per ASTM B 545 Type 1 over 100µ [2.54µm] min. Nickel per SAE-AMS-QQ-N-290.
- 4-fingered collet contact is Beryllium Copper Alloy per UNS C17200 ASTM-B194-01.
- Contact plating is 10µ [.25µm] min. Gold per MIL-G-45204 over 50µ [1.27µm] min. Nickel per SAE-AMS-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 ± .002 [.76 ± .05] dia.

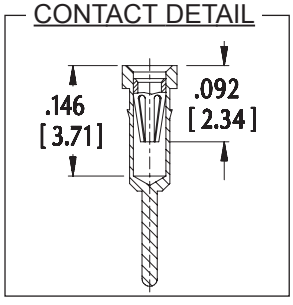


Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

ORDERING INFORMATION

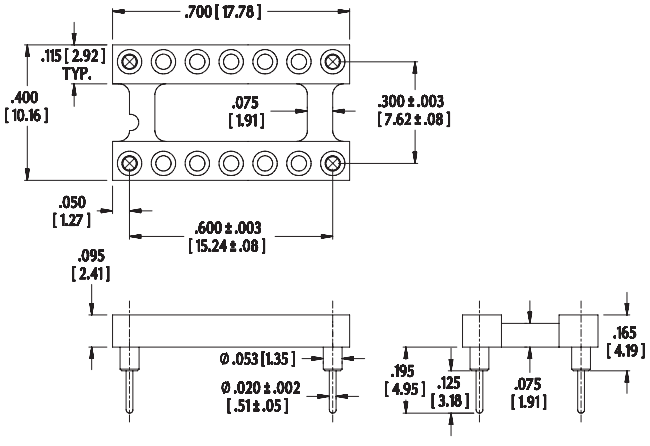
1107741 = 14 Pin (Tin Shell/Gold Collet)
1107741-TL = 14 Pin (Tin/Lead Shell/Gold Collet)
1108800 = 8 Pin (Tin Shell/Gold Collet)
1108800-TL = 8 Pin (Tin/Lead Shell/Gold Collet)

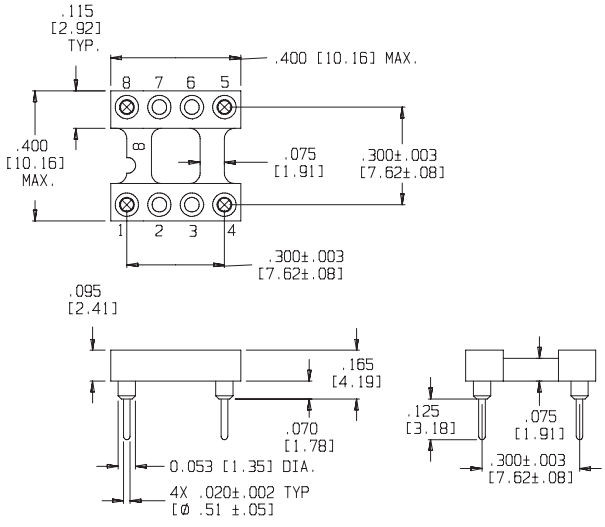
CONTACT DETAIL



ALL DIMENSIONS: INCHES [MILLIMETERS]

All tolerances ± .005 [.13]
unless otherwise specified





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