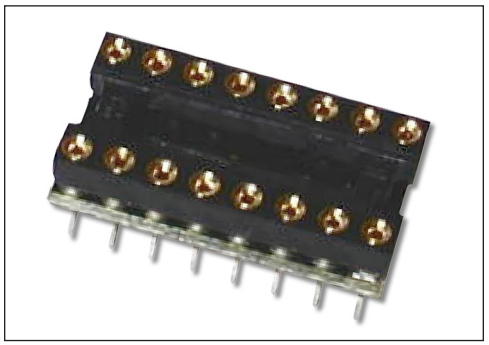
Replaces MAX691 with MAX807

FEATURES

- Correct-A-Chip™ technology solves problems associated with the use of alternate ICs (due to availability, obsolescence, need for better performance, etc.) by eliminating the need for new PCB's.



CUSTOMIZATION: In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE**: Aries reserves the right to change product general specifications without notice.

GENERAL SPECIFICATIONS

- FEMALE SOCKET MATERIAL: black UL 94V-0 glass-filled 4/6 Nylon 170°C continuous use temp.
- PCB: FR-4, 0.062 [1.56] or 0.094 [2.39] thick
- MALE PIN: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- MALE PIN PLATING: 200µ [5.08µ] Sn/Pb 93/7 per ASTM B579-73 over 100µ [2.54µ] Ni per SAE AMS-QQ-N-290
- FEMALE PIN BODY: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- FEMALE PIN BODY PLATING: 10µ [0.254µ] Au per MIL-G-45204 over 100µ [2.54µ] Ni per SAE AMS-QQN- 290
- 4-FINGER COLLET CONTACT: BeCu per UNS C17200, ASTM B194-08
- CONTACT PLATING: 10µ [0.254µ] Au per MIL-G-45204 over 50µ [1.27µ] Ni per SAE AMS-QQ-N-290
- MINIMUM CONTACT CURRENT RATING: 1 amp @ 5VDC
- OPERATING TEMPERATURE: 221°F [105°C]
- INSERTION FORCE: 180g/pin, based on a 0.018 [0.46] dia. test lead
- WITHDRAWAL FORCE: 90g/pin, based on a 0.018 [0.46] dia. test lead
- NORMAL FORCE: 140g/pin, based on a 0.018 [0.46] dia. test lead
- SOCKET ACCEPTS LEADS: 0.015-0.025 [0.38-0.64] in dia., 0.100- 0.125 2.54-3.18] long

ORDERING INFORMATION

16-304235-10

16-304235-10-P for Panelized Version

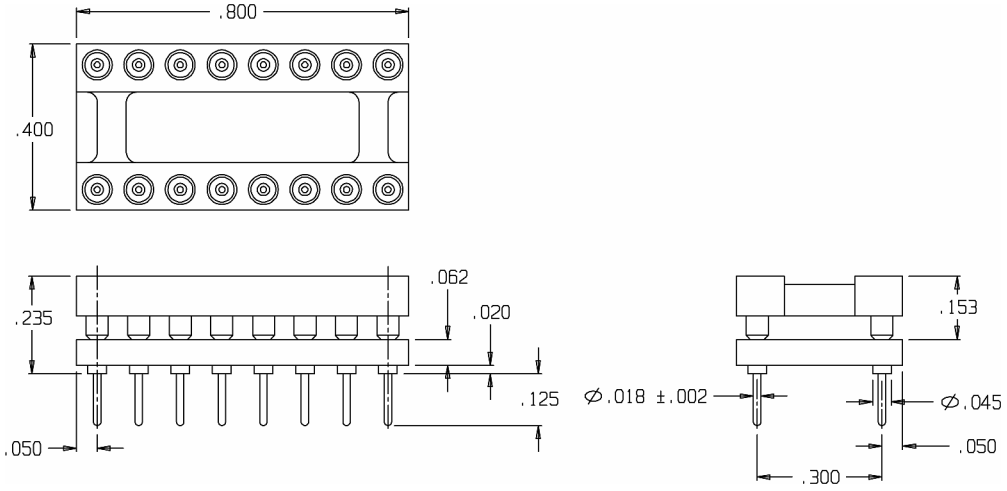
MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.028 ±0.002 [0.71 ±0.05] dia.

ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS



MAX807 (socket)	MAX691 (male contacts)
1	9
3	3
4	11
5	4
6	14
9	15
10	14
11	12
12	13
14	1
16	2
All Others	N/C

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