



# 48-6645-18

## 48Pin .5mm QFP to 48Pin .6 Dip Adapter

### FEATURES:

- Makes 48 pin QFP prototype circuits with a standard bread board easy.

### GENERAL SPECIFICATIONS:

- Board material is .062 thick FR-4 with 1 oz. Copper traces, both sides.
- Pins are Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-00.
- Pin plating is 200μ [5.08μm] min. Tin per ASTM B 545 Type 1 or Tin/Lead 93/7 per ASTM B 545 over 100μ [2.54μm] Nickel per SAE-AMS-QQ-N-290.
- Operating temperature = 221°F [105°C].

### MOUNTING CONSIDERATIONS:

- Suggested PCB Hole size = .028 ± .003 [.71±.08] dia.

ALL DIMENSIONS: INCHES [MILLIMETERS]

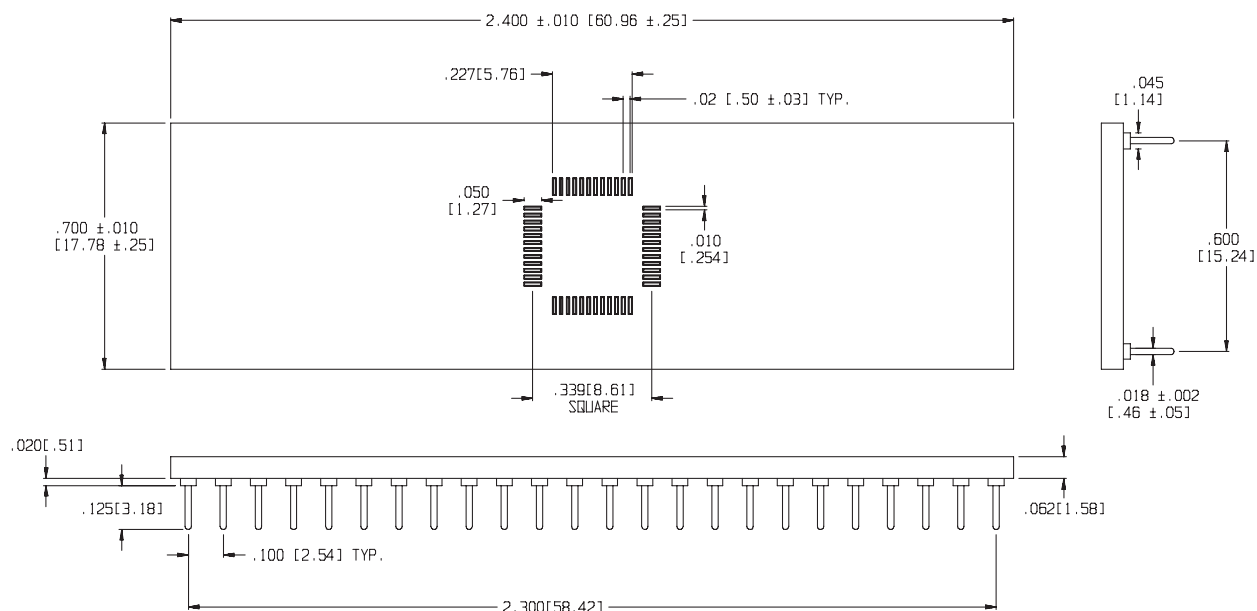
All tolerances ± .005 [.13]  
unless otherwise specified

NO PICTURE AVAILABLE AT THIS TIME

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

48-6645-18



**ARIES**  
ELECTRONICS, INC.

<http://www.arieselec.com> • [info@arieselec.com](mailto:info@arieselec.com)

Bristol, PA USA  
TEL: (215) 781-9956  
FAX: (215) 781-9845



18090  
Rev. C