



# P/N 48-6645-18 48-Pin 0.5mm QFP-to-48-Pin 0.600" DIP Adapter

## FEATURES

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

## GENERAL SPECIFICATIONS

- BOARD MATERIAL: 0.062 thick FR-4 with 1-oz. Cu traces, both sides
- PINS: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- PIN PLATING: 200 $\mu$  [5.08 $\mu$ ] Sn/Pb 93/7 per ASASTM B579-73 over 100 $\mu$  [2.54 $\mu$ ] Ni per SAE AMS-QQ-N-290
- OPERATING TEMPERATURE: 221°F [105°C]

## MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.028  $\pm$  0.003 [0.71  $\pm$  0.08] dia.



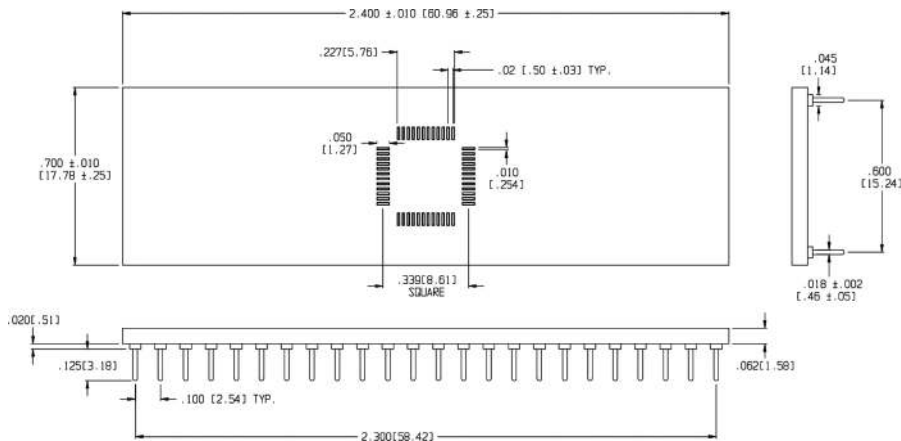
**CUSTOMIZATION:** In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE:** Aries reserves the right to change product general specifications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

ALL DIMENSIONS: INCHES [MILLIMETERS]  
 ALL TOLERANCES:  $\pm$ 0.005 [0.13] UNLESS OTHERWISE SPECIFIED  
 CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

## ORDERING INFORMATION

**48-6645-18-P**

Optional Panelized Version



Bristol, PA 19007-6810 USA  
 TEL (215) 781-9956 • FAX (215) 781-9845  
 WWW.ARIESELEC.COM • INFO@ARIESELEC.COM