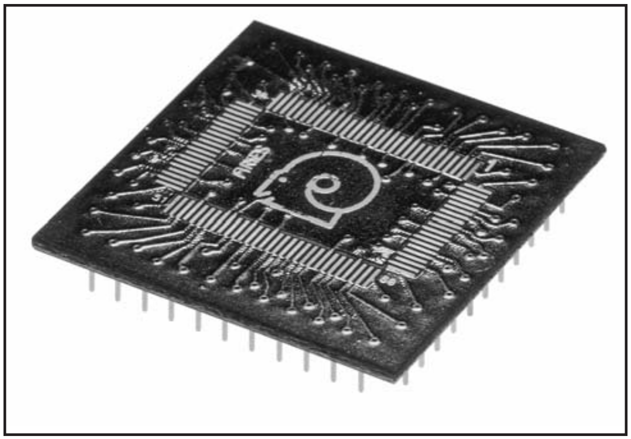
Part No. 96-100M65 - QFP to PGA Adapter for EIAJ 100 Position, .0256 [.65] Pitch

FEATURES:
- Convert surface mount QFP packages to a 13 x 13 PGA footprint.
- Reduce costs by using less expensive QFP packages to replace PGA footprints in existing designs.
- Pins are mechanically fastened and soldered to board using Aries' patented process, creating a reliable electrical connection and rugged contact.
- Consult factory for panelized form or for mounting of consigned chips.

SPECIFICATIONS:
- Adapter body is FR-4 with 1 ounce minimum Copper traces.
- Pads are bare Copper protected with Entek® by Enthone or Omikron® white tin to eliminate coplanarity concerns and solder bridges associated with hot air solder leveling.
- Pins are Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-85.
- Pin plating is 200µ [5.08µm] min. Tin per MIL-T-10727 Type 1 or Tin/Lead 90/10 MIL-P-81728 over 100µ [2.54µm] Nickel per QQ-N-290.
- Operating temperature=221°F [105°C].

MOUNTING CONSIDERATIONS:
- Suggested PCB hole size=.028 ± .003 [.71 ± .08] dia.
- Will plug into standard PGA sockets.

ALL DIMENSIONS: INCHES [MILLIMETERS]



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

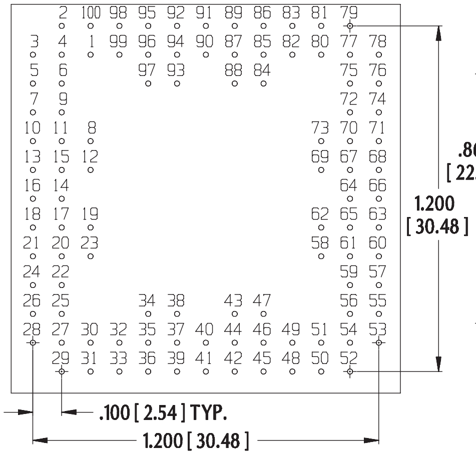
Specify Part No. 96-100M65
-or-
96-100M65-P for panelized form when ordering

Specify Part Number 100-PGM13071-30
for wire wrap PGA socket

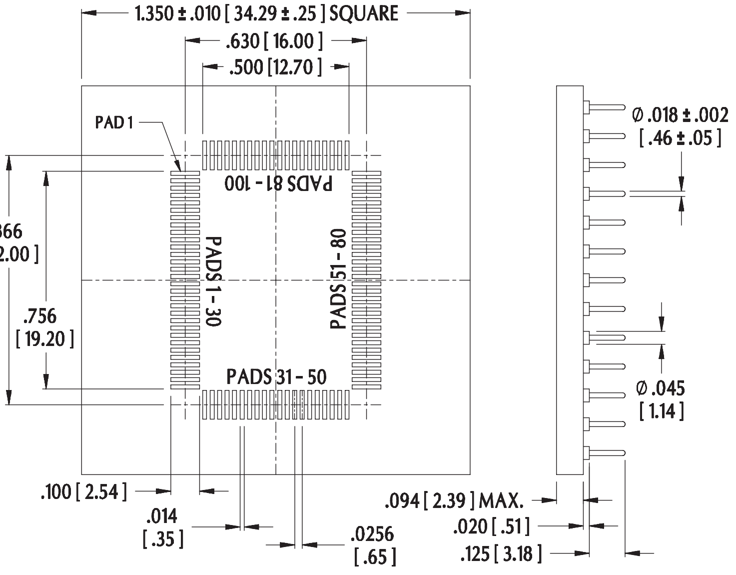
PGA Footprints 13069 and 13114
can be used with this C-A-C Adapter

Tolerances:

Row-to-row:	± .003 [± .08]
Pin-to-pin:	± .003 [± .08] non-cumulative
All others:	± .005 [.13] unless otherwise specified



X-RAY VIEW TOP SIDE
QFP PAD ASSIGNMENT



TOP (QFP) SIDE

ARIES ELECTRONICS, INC.
http://www.arieselec.com • info@arieselec.com

NORTH AMERICA
Frenchtown, NJ USA
TEL: (908) 996-6841
FAX: (908) 996-3891

UK/IRELAND/GB
TEL: +44 870 240 0249
FAX: +44 1653 690980
uking@arieselec.com

EUROPE/MAINLAND/HOLLAND
TEL: +31 78 615 94 65
FAX: +31 78 615 43 11
europe@arieselec.com