



Series 505 PLCC-to-PGA JEDEC Type 0.050 [1.27] Pitch Adapter

FEATURES

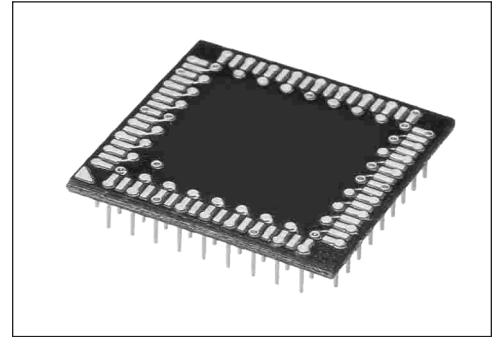
- Convert surface mount PLCC packages to a PGA footprint
- Pin polarization option also available
- Consult factory for Panelized Form or for mounting of consigned chips

GENERAL SPECIFICATIONS

- ADAPTER BODY: FR-4, 0.062 [1.58] thick, with 1-oz. min. Cu traces
- PADS: hot-air solder leveled
- PINS: Brass 360 1/2-hard per UNS C36000 ASTM-B16-00
- PIN PLATING: 200μ [5.08μ] Sn/Pb 93/7 ASTM B579-73 over 100μ [2.54μ] Ni per ASE AMS-QQ-N-290 or 10μ [0.25μ] Au
- OPERATING TEMPERATURE: 221°F [105°C]

MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.028 ± 0.003 [0.71 \pm 0.08] dia
- STANDARD: will plug into PGA socket



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: ± 0.005 [0.13] UNLESS OTHERWISE SPECIFIED

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

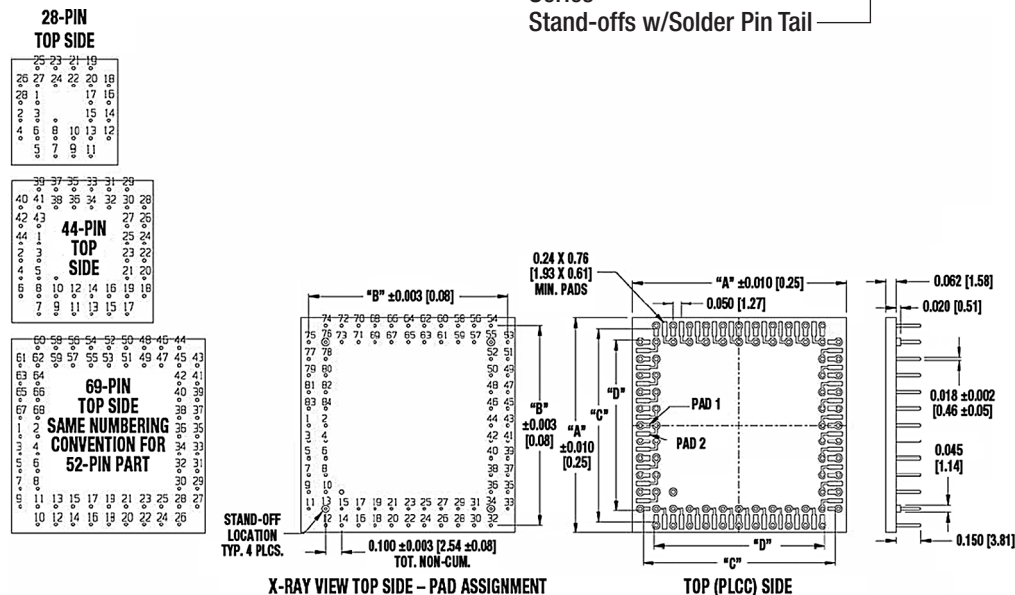
ORDERING INFORMATION

XX-505-11 X X

No. of Pins _____
28, 44, 52, 68, 84
or 29, 45, 53, 69, 85
with Polarization Pin

Series _____
Stand-offs w/Solder Pin Tail _____

Optional Panelized Version
Pin Plating
0 = Sn (standard)
1 = Au



| # Pins | Dim. "A" | Dim. "B" | Dim. "C" | Dim. "D" | Matching PGA P/N |
|----------|---------------|---------------|---------------|---------------|------------------|
| 28 or 29 | 0.600 [15.24] | 0.500 [12.70] | 0.448 [11.38] | 0.324 [8.23] | 29-PGM06002-30 |
| 44 or 45 | 0.800 [20.32] | 0.700 [17.78] | 0.648 [16.46] | 0.524 [13.31] | 44-PGM08002-30 |
| 52 or 53 | 0.875 [22.23] | 0.775 [19.69] | 0.760 [19.30] | 0.625 [15.88] | 52-PGM09018-30 |
| 68 or 69 | 1.100 [27.94] | 1.000 [25.40] | 0.948 [24.08] | 0.824 [20.93] | 68-PGM11032-30 |
| 84 or 85 | 1.300 [33.02] | 1.200 [30.48] | 1.148 [29.16] | 1.024 [26.01] | 84-PGM13042-30 |



ARIES
ELECTRONICS, INC.

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



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