PGA ZIF Test & Burn-in Socket for Any Footprint on Std 8x8 to 21x21 Grid

FEATURES

- Strong Metal Cam Activates Normally-closed Contacts, Preventing Dependency on Plastic for Contact Force
- Handle mounted on Right- or Left-hand Side
- Any Footprint Accepted on Standard 13x13 to 21x21 Grid



GENERAL SPECIFICATIONS

- **SOCKET BODY**: black UL 94V-0 Polyphenylene Sulfide (PPS)
- **CONTACTS**: BeCu 174, 1/2-hard **–OR–** Spinodal
- **BeCu CONTACT PLATING OPTIONS**: 30µ [0.762µ] min. Au per MIL-G-45204 on contact area, 200µ [5.08µ] min. matte Sn per ASTM B545-97 on solder tail, both over 30µ [0.762µ] min. Ni per QQ-N-290 all over
- **HANDLE**: Stainless Steel
- **CONTACT CURRENT RATING**: 1 amp
- **OPERATING TEMPERATURES**: -85°F to 257°F [-65°C to 125°C] Au plating
- **ACCEPTS LEADS**: 0.014-0.026 [0.36-0.66] dia., 0.120-0.290 [3.05-7.37] long

ORDERING INFORMATION

XXX-PXX XXXXX-1 X

- Plating
  2 = Au Contacts, Sn over Ni Tail
- Solder Pin Tail
- Grid Size & Footprint Number
- Series Designator
  PRS = Std
  PLS = Handle on Left
- Number of Pins

MOUNTING CONSIDERATIONS

- **SUGGESTED PCB HOLE SIZE**: 0.032 ±0.002 [0.81 ±0.05] dia.
- See *PCB FOOTPRINT* below
- Plugs into standard PGA sockets

Grid Size	No. of Pins	Dim. "C"	Dim. "A"	Dim. "B"	Dim. "D"
8 x 8 *	64	0.700 [17.78]	1.695 [43.05]	1.110 [28.19]	1.275 [32.39]
9 x 9	81	0.800 [20.32]			
12 x 12 *	144	1.100 [27.94]	1.894 [48.10]	1.510 [38.35]	1.675 [42.55]
13 x 13	169	1.200 [30.48]			
14 x 14 *	196	1.300 [33.02]	2.094 [53.20]	1.710 [43.43]	1.875 [47.63]
15 x 15	225	1.400 [35.56]			
16 x 16 *	256	1.500 [38.10]	2.294 [58.27]	1.910 [48.51]	2.075 [52.71]
17 x 17	289	1.600 [40.64]			
18 x 18 *	324	1.700 [43.18]	2.494 [63.35]	2.110 [53.59]	2.275 [57.79]
19 x 19	361	1.800 [45.72]			
20 x 20 *	400	1.900 [48.26]	2.694 [68.43]	2.310 [58.67]	2.475 [62.87]
21 x 21	441	2.000 [50.80]			

<< SPECIAL ORDER ONLY, Consult Factory

PLUGS (X) IN THESE COVER HOLE LOCATIONS, OR ANY OTHER LOCATIONS REQUIRED WILL ONLY BE SUPPLIED AS INDICATED ON THE PGA FOOTPRINT OR CUSTOMER-SUPPLIED PGA WORKSHEET ON PAGE 2.

* Top- and Right-hand Side Rows left out

ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
SPECIAL HANDLE REQUIREMENTS: CONSULT FACTORY
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

CUSTOMIZATION: ARIES SPECIALIZES IN CUSTOM DESIGN AND PRODUCTION. SPECIAL MATERIALS, PLATINGS, SIZES, AND CONFIGURATIONS CAN BE FURNISHED, DEPENDING ON QUANTITY.

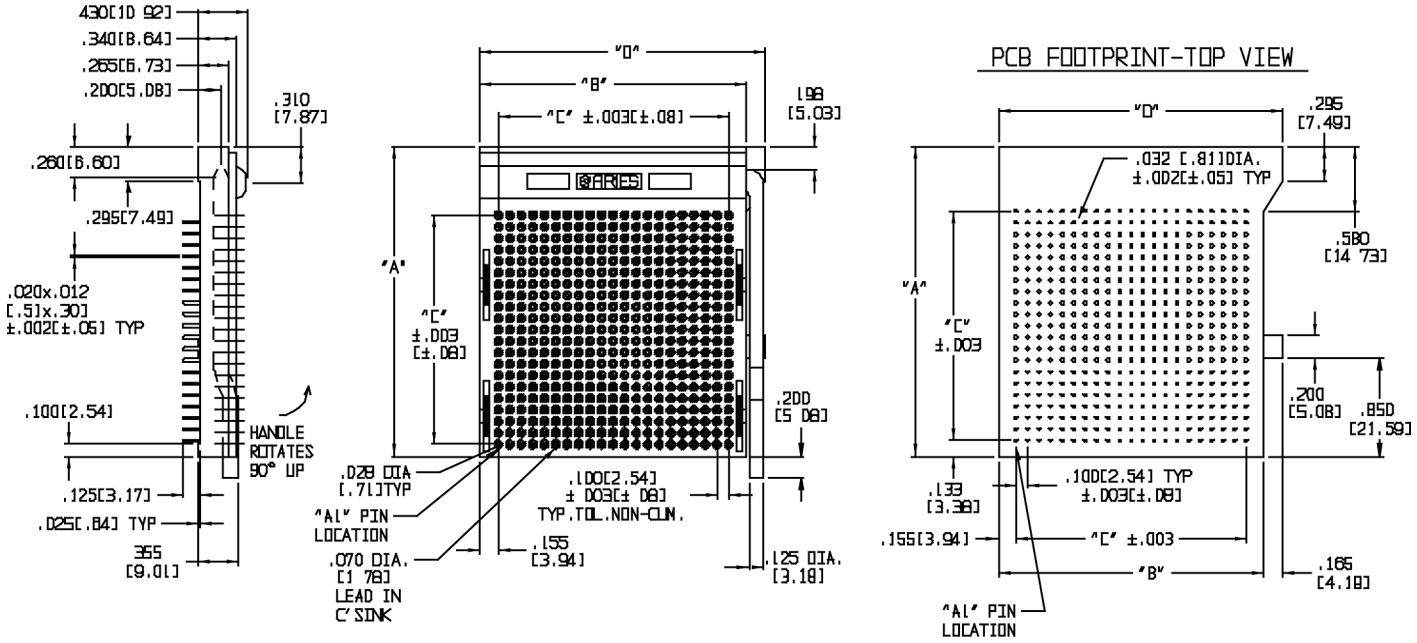
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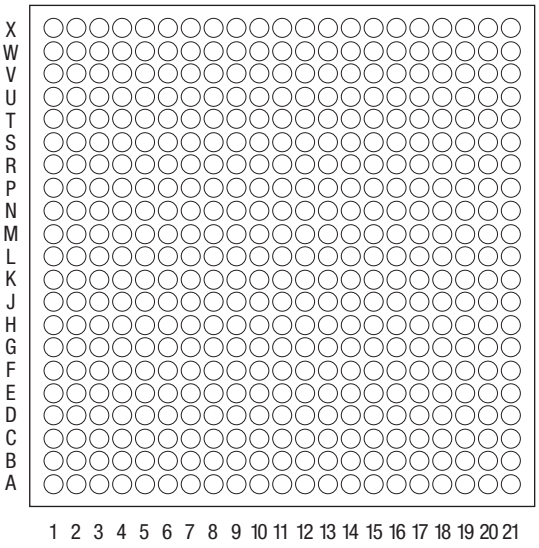
RoHS Compliant

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TOP VIEW



SPECIAL FOOTPRINT INSTRUCTIONS

1. Make a copy of this worksheet
2. Fill-in circles for footprint desired using the key below
3. Fill-in the information below, including Series and Plating options. See Ordering Information above
4. Send worksheet to Aries for prompt quote

KEY ○ = no pin
● = pin
X = plug hole

COMPANY NAME _____

ADDRESS _____

CITY _____

REQUESTED BY _____

PHONE _____

DATE _____

TOTAL NUMBER OF PINS _____

SERIES *(circle one)* PRS PLS

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