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AP-KIT INSTRUCTIONS

APPLIED ROBOTIC/VISION TEST PLACEMENT TARGET (PACS2-HP)

INSTRUCTIONS &
SPECIFICATIONS

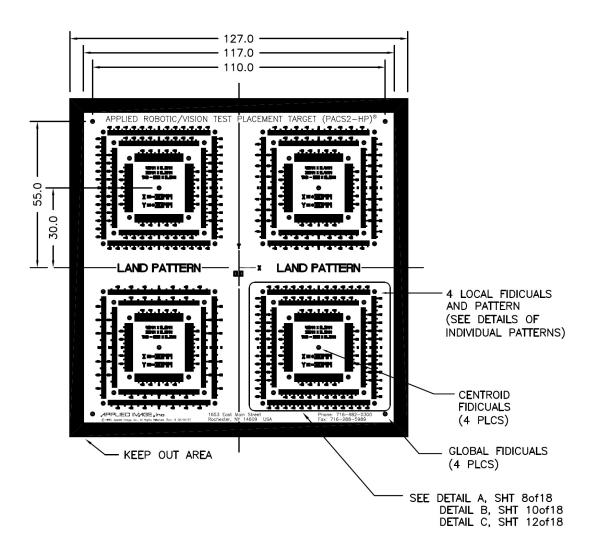


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NOTES:

- 1) This "Land Pattern Target" Plate is the item upon which your "component" will be aligned. We suggest that a small piece of thin double back tape be placed in the center of each target point.
- 2) The "component" will then be picked from the "tray" by the robotic/vision arm and placed for alignment check upon the "Land Target Pattern" Plate. The double back tape will keep the "component" from moving easily.
- 3) The "Land Pattern Target" Plate with the "component" on top is then inspected with a microscope having at least 50X power. See Dwg. 1351 for procedures.
- 4) See pages 1350b, 1350c 1350d and 1350e for 'blow-ups' of the individual quadrants.

PART NO.: APLP-1-P-CG

MATERIAL: 127 X 127 BY 2.28 \pm 0.12 MM SODALIME

GLASS PATTERN IS BLUE CHROME ON CLEAR

FIELD

POLARITY: OPAQUE FEATURES ON CLEAR FIELD

ORIENTATION: RREU

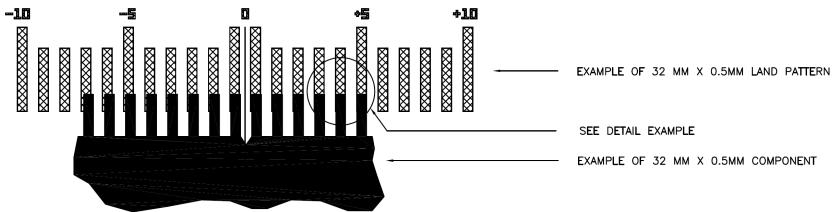


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DETAIL EXAMPLE +5 LAND TARGET PATTERN PERFECT ALIGNMENT COMPONENT PART

PROCEDURE (USING X AS AN EXAMPLE)

- 1) LOOK FOR THE TRIANGLE A ON "COMPONENT" TO DETERMINE IF PART IS SHIFTED LEFT OR RIGHT FROM THE CENTER.
- LOOK FOR COINCIDENT LEADS ON COMPONENT PART AND LAND PATTERN. (SEE EXAMPLE)
- RECORD THE LEAD # (ON THE LAND PATTERN) CORRESPONDING TO ALIGNED LEADS ON STEP2.
- 4) OFFSET IS SIMPLY (LEAD # X 5) UM. IN THE EXAMPLE, IT IS THE 5th LEAD TO THE RIGHT; THEREFORE 5X5 UM = 25 UM SHIFT TO THE RIGHT.

NOTE: "COMPONENT" PARTS ARE RIGHT READING CHROME SIDE DOWN (RRED).
"LAND PATTERN TARGET" PLATE IS RIGHT READING CHROME SIDE UP
(RREU).



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