

G.V.I.C.TM

PATENT NO.: US 6,559,664,B2

CHECK THE BENEFITS – YOU’LL CHOOSE GVICTM

- HIGH FLEXURAL STRENGTH LAMINATE MEANS STRUCTURAL INTEGRITY IN HIGHLY POPULATED PROBE PLATES. THE AT8000TM SUBSTRATE ASSURES YOU OF THE STRONGEST LAMINATE POSSIBLE.
- **GVICTM** IS, IN PART, AN ATTACHED GROUNDING SURFACE AND THEREFORE THERE IS NO NEED TO TAKE UP ADDITIONAL SPACE WITHIN THE FIXTURE CAVITY FOR A SEPARATE GROUND PLANE AND ITS SUBSTRATE.
- THE ELIMINATION OF THE TRADITIONAL SEPARATE GROUND PLANE AND ITS SUBSTRATE MEANS LESS TOTAL FIXTURE WEIGHT.
- COMMON VOLTAGE SOURCES AND INTERCONNECTIONS GRIDS ARE PROVIDED SIMPLY BY ISOLATING THE DESIRED SURFACES BY ROUTING AROUND THEM.
- **GVICTM** REDUCES THE SIGNAL PATH FOR LESS CROSSTALK AND LESS SIGNAL LOSS. FEWER FALSE TESTS ARE ASSURED.
- PIN ALIGNMENT BETWEEN THE PROBE PLATE AND THE GROUNDING PLANE IS AUTOMATIC.
- THE TOP AND BOTTOM SURFACES OF GVICTM ARE ESPECIALLY MADE TO PROVIDE A STRONG BONDING SURFACE FOR SCREEN PRINTING WHILE THE E.Z.I. TM TOP SURFACE HAS A MATTE FINISH THAT ALSO REDUCES GLARE.
-

MAKE FRIENDS WITH YOUR ENGINEERS, MANUFACTURING STAFF, QUALITY CONTROL PEOPLE AND ESPECIALLY YOUR CUSTOMER. SPECIFY GVICTM

GVICTM is an improved probe plate assembly for a circuit board test fixture. At its core is AT8000TM high flexural strength FR4 laminate that is enhanced by the addition of a tin-flashed, copper clad laminate conductive surface permanently affixed to the underside. This conductive surface(s) of the probe plate assembly provides an improved interface between the signal probes and personality pins of the circuit board test fixture and can be used for grounding planes, voltage sources, and common interconnection grids. The enhanced probe plate assembly results in increased signal quality due to reduced signal path length, less crosstalk and signal loss between personality pin and signal probe connections, and perfect alignment of the personality pins and signal probes through the conductive surface.