



Advanced Circuitry International
 "Specializing In RF/Microwave & Antenna PCBs"

Advanced Circuitry International
 USA - Brazil - India

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Special Processes

Large Format PCB's
 Vast Teflon™ Processing Experience
 Composite Multilayers Utilizing Exotic Materials
 Sequential Lamination
 Blind & Buried Vias
 OhmegaPly™ & Ticer™ Resistor Technology
 Via Fill & Via-In-Pad Technology
 Precision Back Drilling
 Exposed Internal Cavity RF Launch Sites
 Castellated Vias
 Complex Sub-Assembly Hand Soldering
 Robotic Soldering

Coatings

LPI Soldermask
 Thermal & LPI Legend
 UV Cured Soldermasks
 Humiseal Coatings

High Performance Materials

From:
 Rogers, Taconic, Isola, Arlon,
 Nelco, Shengyi and DuPont

Product Types

S/S
 D/S NPTH
 D/S PTH
 Multilayer
 Large Format

Mechanical

Standard Panel Size: 12" X 18" & 18" X 24"
 Large Format Panel Size: 24" X 102"
 Minimum Line & Space: .004/.004
 Pattern Etching Tolerance: +/- .001
 Minimum Hole Diameter: .008
 Plated Hole Size Tolerance: +/- .003
 NPTH Size Tolerance: +/- .002
 Plating Aspect Ratio: 10:1
 Positional Accuracy: +/- .003
 Minimum Core Thickness: .001
 Maximum Board Thickness: .350
 Thickness Tolerance: +/- 10%
 Soldermask Registration Tolerance: +/- .003
 Minimum Soldermask Clearance: .003
 Legend Registration: +/- .003
 Minimum Legend Feature: .004
 Routing Tolerance: +/- .005
 Minimum Radius: .006

Finishes

Electroless Nickel Immersion Gold
 Immersion Silver
 Immersion Tin
 Electrolytic Bright Tin
 Electrolytic Matte Tin
 Electrolytic Hard Gold
 Electrolytic Soft Gold
 HASL

