



# ADVANCED CIRCUITRY INTERNATIONAL

"CONNECTING THE WORLD THROUGH 5G ANTENNA PCBs"

## PRODUCT TYPES

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

## COATINGS

- LPI Soldermask
- Thermal & LPI Legend
- UV Cured Soldermask
- Humiseal Coatings

## HIGH PERFORMANCE MATERIALS

- Rogers
- Taconic
- Isola
- Arlon
- Nelco
- Shengyi
- DuPont

## SPECIAL PROCESS

- 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 Site
- Castellated Vias
- Complex Sub-Assembly Hand Soldering
- Robotic Soldering

## FINISHES

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

## MECHANICAL

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

## CONTACT

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