



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



FINISHES

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

MECHANICAL

- Standard Panel Size:..... 12"x18" & 18"x24"
- Large Format Panel Size:..... 24"x102"
- 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"

MANUFACTURING IN:



U.S.A.

CONTACT

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