Career

TECHNOLOGIES USA

GENERAL CAPABILITIES

- Manufacturing Sites in USA and Asia
- High Volume Flex Capabilities
- Asian Factories (Taiwan and China)
- Advanced Flex Technology Capability
- Ultra High Density Interconnect (UHDI) Capability
- Ultra Thin Flex Circuit Capability
- Class 10K Cleanroom

SURFACE FINISHES

- Soft Electrolytic Gold (Wire Bondable)
- ENIG (Electroless Nickel / Immersion Gold)
- ENEPIG (Electroless Nickel / Electroless Palladium / Immersion Gold)
- Hard Gold — Knoop 200+
- Tin / Lead
- Immersion Tin
- HASL and Lead Free HASL
- Selective plating on Copper, Nickel and Gold

CERTIFICATIONS & STANDARDS

- IPC 9001 - 2008
- AS9100 Rev C
- MIL-P-50884
- UL 94 - V0
- RoHS / REACH Compliant
- ITAR Registered

MATERIALS

- Copper Thickness Min 2μm to 4 oz.
- Polyimide Thickness Min ½ mil to 5mil
- Adhesiveless Polyimide Substrate
- Flexible Soldermask (Halogen Free)
- Arlon / Neltec / FR4 GETEK Laminate
- Ceramics
- Rogers / Nelco
- Heatsink & Metal Core
- RF Microwave Duroid
- Teflon Based
- EMI Shielding

CERTIFIED ISO 9001:2008 COMPANY

UL

AS9100 Rev C

International Traffic in Arms Regulations Compliant ITAR

RoHS 2 COMPLIANT

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18646 PARTHENIA STREET NORTHRIDGE, CA 91324

Career

TECHNOLOGIES USA

TECHNICAL CAPABILITIES

- Trace / Space 25µm / 25µm (1 mil)
- Micro Vias Min. 25µm (1 mil)
- Laser - Precision Drilling / Excising Layer to Layer Registration < 50µm (2 mil)
- Layer Count Capability 10+
- Unsupported / Cantilever Leads
- Controlled Impedance Capability
- Liquid Soldermask Thickness Min 20µm (0.8 mil)
- Photo Imageable Coverlay Min 25µm (1 mil)
- RoHS Assembly
- Automated Optical Inspection
- Electrical Testing (Flying Probe, Functional and Hi -Pot)
- Ability to Test for 10^{-15} Resistance Leakage

GENERAL OVERVIEW

- Flex / Rigid-Flex & PCB Since 1994
- Serving Medical / Aerospace / Military & Commerical Markets
- 55,000 sq. ft. Facility (Los Angeles)
- Asian Operations (For High Volumes) 10,000+ Employees Worldwide
- Value Added & Assembly Capabilities
- 3D Printing-Rapid Prototyping

CERTIFIED ISO 9001:2008 COMPANY · UL · AS9100 Rev C · International Traffic in Arms Regulations Compliant ITAR · RoHS2 COMPLIANT

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