



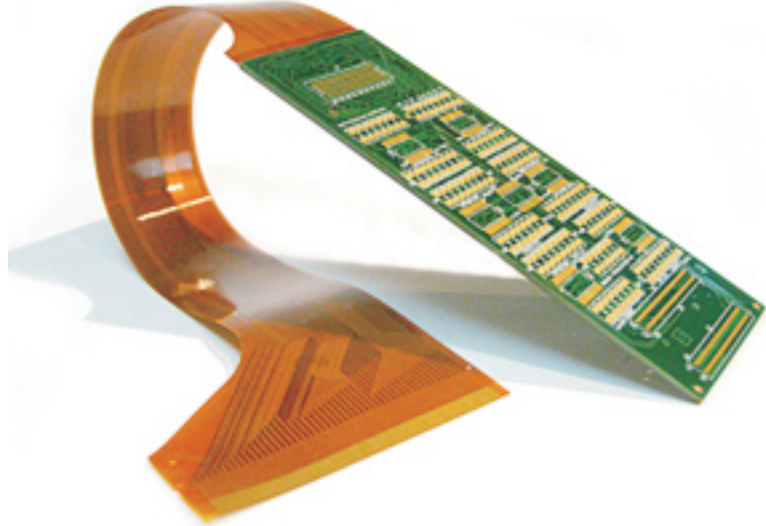
毅立电路科技有限公司

Willpower Circuit Technology Development Co., Limited

WILLPOWER CIRCUIT

Current Location : Home - Product - **Rigid-flex**

Rigid Flex Circuits



Soldermask	0.015mm
L1cu	1oz
Adhesive Layer	0.05 mm
L2cu	Hoz
FR-4	0.21mm
L3cu	Hoz
Adhesive Layer	0.05mm
Coverlay Layer	0.05mm PI-25um,ad-25um
L4cu	Hoz
Flex Core	0.045mm PI-25um,ad-25um
L5cu	Hoz
Coverlay Layer	0.05mm PI-25um,ad-25um
Adhesive Layer	0.05mm
L6cu	Hoz
FR-4	0.21mm
L7cu	Hoz
Adhesive Layer	0.05mm
L8cu	1oz
Soldermask	0.015mm

Flexible Circuits: Rigid-Flex Technologies

Rigid-Flex Circuits integrates Flexible Circuit technology with Rigid Board technology. When it is combined with the well-established Micro Via Sequential Build Up Technology, circuitry from factors can be reduced while offering high routing densities. The result is a circuit design that offers design flexibility, optimized cost and reliability comparable to Micro Via Technology.

Willpower Circuit is a major supplier within the Micro Via and Flexible Circuit Segments and has the technical resources to be a competent advisor and supplier for Rigid Flex Technology.

Willpower Circuit new modern and state of the art Single & Double side Flex, Multi-Layer Flex and Rigid-Flex Facility in China utilizes reel-to-reel manufacturing equipment for ultra-thin high-density flexible material processing at high yields.

Production Capability:

- Single-sided, Double-sided & Multi-layer FCCL < 8 Layers
- Rigid-Flex up to 12 Layers
- "Air Gap" Type FCCL for Dynamic applications-Hinge, Slide, Flip, Tilt
- Micro via - Laser Drilling system (CO2 & UV/Yag)
- Blind and Buried Vias
- Impedance Control
- Lead free & Halogen free
- UL Compliance

Product Applications:

Consumer Digital Mobile Phones ; Smart Phones; PDAss; Digital & Video Cameras

High-end Computers High Speed Data Storage; Servers; IT Infrastructures -Voice & Data network management; High Speed Transceivers; High-end Disk Drives; USB & Ethernet applications

Industrial Analytical Test Equipment; Inertia Measurement Unit; Bar Code Scanners; Semiconductor Test Equipment; Visual Aid Cameras; Office Automation.

Medical Device & Diagnostic Automotive Instruments; Laser Scanners; Blood Analyzer; CT-Scanner; Instrumentation Nerve Stimulators; Cardiac Rhythm Management; Hearing Aids. Under-hood and In-dash ECUs; Navigation and Entertainment Systems; ABS sensors; Headliner circuits.

