



LPKF MiniContac RS

Professional stand-alone electroplating tank

- Compact, fast and easy to use
- No analysis or special chemical knowledge needed
- Features Reverse-Pulse Plating for uniform copper deposition
- Ideal for creating multilayer printed circuit boards

Compact, advanced electroplating with the LPKF MiniContac RS

The LPKF MiniContac RS is an electroplating solution ideal for any rapid PCB prototyping situation, especially small runs and tight work locations. The system is compact and economical, ideal for double-sided and multilayer circuit boards, employing reliable formaldehyde-free Blackhole® Technology for direct metallization.

Easy interface

The LPKF MiniContac RS is easy to use. Control the LPKF MiniContac RS via Ethernet and program it to automatically report process information. An acoustic signal indicates the end of the process.

Reverse pulse plating

The LPKF MiniContac RS system uses reverse pulse plating, which produces more uniform copper plating for high aspect ratios and smaller holes. Reverse pulse plating uses precisely controlled reverse pulses to remove excess material during the plating process.

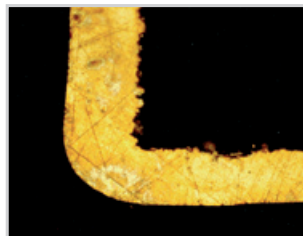
Simple chemistry

The system uses only four chemical baths, which can be changed simply and easily. The cleaning baths are replaced every three months, and the other chemicals are replaced once a year. No chemical knowledge or background is necessary.

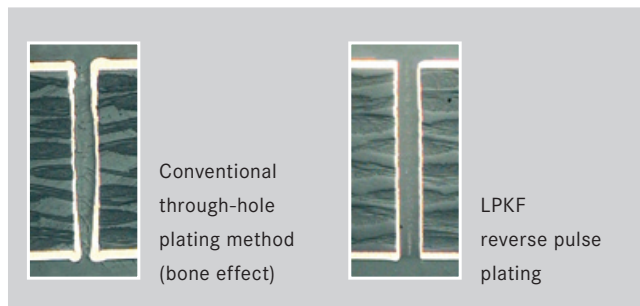
Applications



Cross section of throughhole in 4-layer circuit board



Cross section of top copper layer connecting to plated through-hole



Technical Data LPKF MiniContac RS

Part #	119987
Activator	Carbon
Max. base material size	229 mm x 330 mm (9" x 13")
Max. board size	200 mm x 260 mm (7,8" x 10,2")
Hole diameter	0.2 mm (8 mil)
Number of plated holes	unlimited
Max. number of layers	6 layers
Max. resistance	<10 mOhm at 0.2 mm hole diameter
Environmental compatibility	Good
Processing reliability	Very good
Process duration	90 min
Base material types	FR4, RO3000, RO4000, TMM
Power supply	115/230 V, 50/60 Hz, 0.6 kW
Ambient temperature	18–25 °C (64.4–77 °F)
Dimensions (W x H x D)	750 mm x 525 mm x 500 mm (29.5" x 20.7" x 19.7")
Machine weight	47 kg (104 Ponds)
Reverse pulse plating	yes

Chemical set

Part #	119986
Cleaner 110	6 l
Cleaner 210	5 l
Activator 310	4 l
Copper Plater 400	16 l
Shine 400	0.25 l

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