



LEADING THE NEW POWER ELECTRONICS

MRT – PR Series

High-accuracy plating high-speed PR (Positive-Reverse Changeover) Pulse Power Source
SanRex® provides a new power source to meet the requirements for high-accuracy plating

A highly accurate copper plating process is needed in the manufacture of high-density multilayered printed circuit boards that are fundamental to electronics.

A conventional DC power plating method that can produce well-functioning small through-holes or via-holes and finer wiring patterns in high-density multilayered printed circuit boards has had developmental difficulties.

Detailed waveforms and power source characteristics are important points in these regards:

High speed current switching is necessary for reducing the difference in plating thickness between the surface and inside; there should be no idle period during the current switching operation and a shorter period in current ripple for surface glossing; and it creates less current overshoot for baking.



Comparison of conventional Plating and MRT-PR

《Image diagram》

