

IPC 9850 Attribute Defect Rate Kit

IPC 9850 Kit

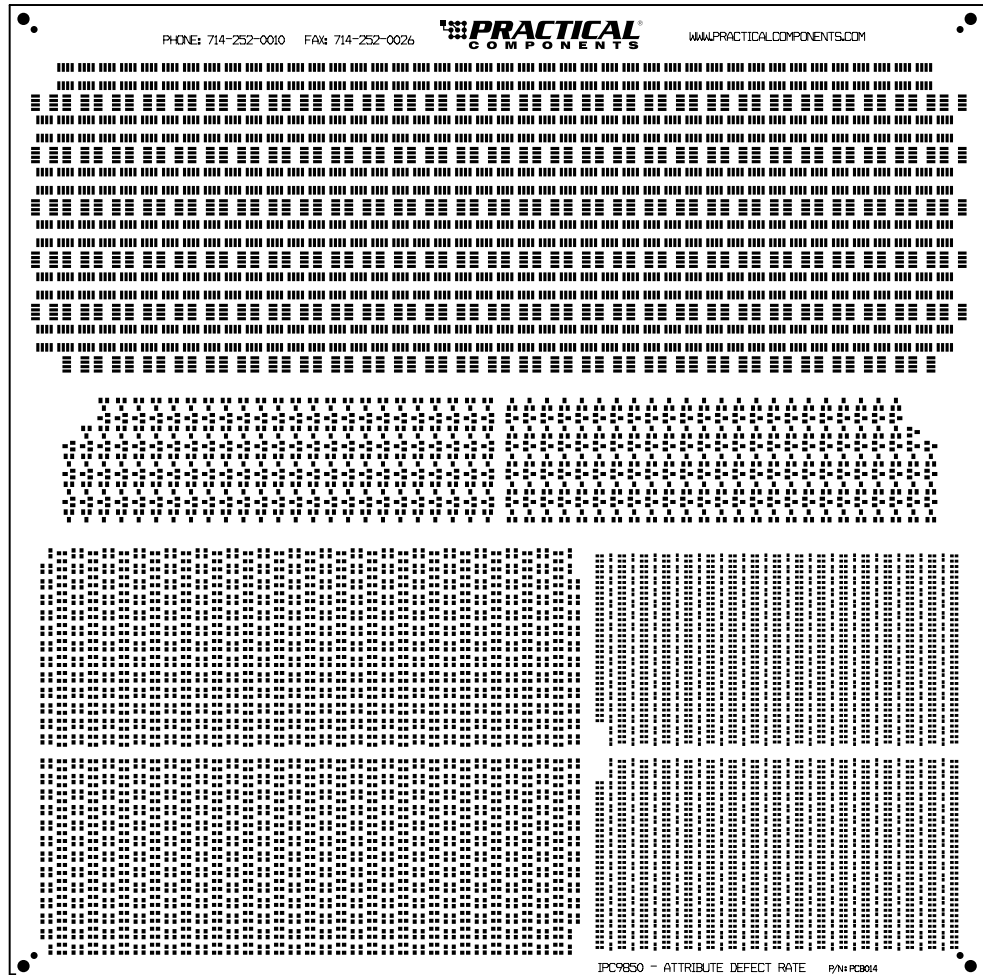
Attribute Defect Rate Kit checks out pick and place machines.

IPC-9850 includes test methods for determining various SMT placement equipment attributes, including repeatability, accuracy and attribute defects. Each of these tests requires specific material and this new test board and kit from Practical Components provides the solution for conducting the attribute rate defect testing. The applicable section from IPC-9850 is 4.1, where attribute defects are defined as components placed upside down, tombstoned, on side, missing or extra part, damaged lead(s), damaged part(s), completely off land, or wrong polarity. Testing requires the placement of 88,000 components on 20 boards to attain reasonably accurate test results. Practical Components 9850 Kit will provide you with enough components and boards to meet this guideline. While IPC-9850 requires the placement of components on sticky tape (included), these boards can also be printed with solder paste and reflowed.

Each board contains the lands (multiple orientations) for 4,400 components (440 SOT23s, 440 SO8s, 880 0603SMCs, 880 0603 SMRs, 880 0402SMCs and 880 0402SMRs). Test material is available from Practical as single boards or complete kits with all the necessary dummy components. On request, this board comes with demonstration versions of CircuitCAM and CheckPoint manufacturing software, ready-to-run CircuitCAM Project Files (CPFs) and Gerber and X, Y Theta data at no extra charge.

IPC Compliant

PCB014 Board



PC014 Kit (IPC 9850)

Board size: 11" x 11", .062" thick.

Part Description	Quantity Per 10 Kits	Quantity Per 25 Kits
SOT23-TR	6,000	15,000
SO8GTR-3.8mm	5,000	12,500
0402SMC-PL	10,000	50,000
0402SMR-PL	10,000	50,000
0603SMC-PL	12,000	50,000
0603SMR-PL	10,000	50,000
Sticky Tape	2 Rolls	3 Rolls
PCB014	10	25
Kit Order Number:	PC014-0-10	PC014-0-25

Notes

- Gerber Data and X, Y Theta Data are available, if required, at no charge.
- Digitized files provided by Aegis Software included at no charge.
- Only board finish available is HASL.