

P21

迷你型电场脉冲发生器 (E)



Short description

在迷你型脉冲发生器的顶端，能发出电场信号，该电场信号可以耦合到布线、金属线、引脚和元器件中，尤其适于SMD元器件如电阻和电容等。该发生器同样也可以用于测试扁平电缆的单个芯线或者插头接点。

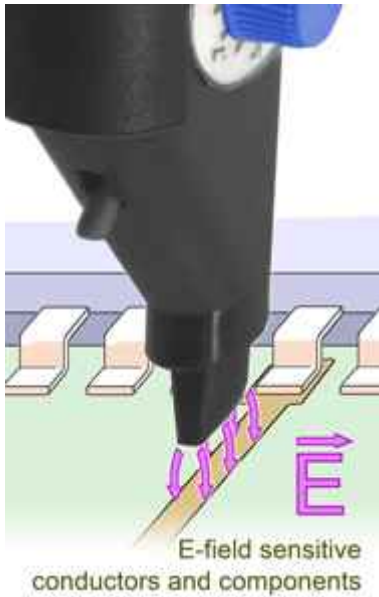
To measure, the P21 is positioned onto the device under test. Conventional generators and test stations can be used to determine whether a device complies with the standard noise immunity required by law. However, weak spots on an assembly can not be located precisely. Detailed information about their location, susceptibility and type of action (E-field or B-field susceptibility) are required to easily and efficiently locate them on the printed circuit board and eliminate them. Mini burst field generators are handy and can be used at the developer's own workspace.

Technical parameters

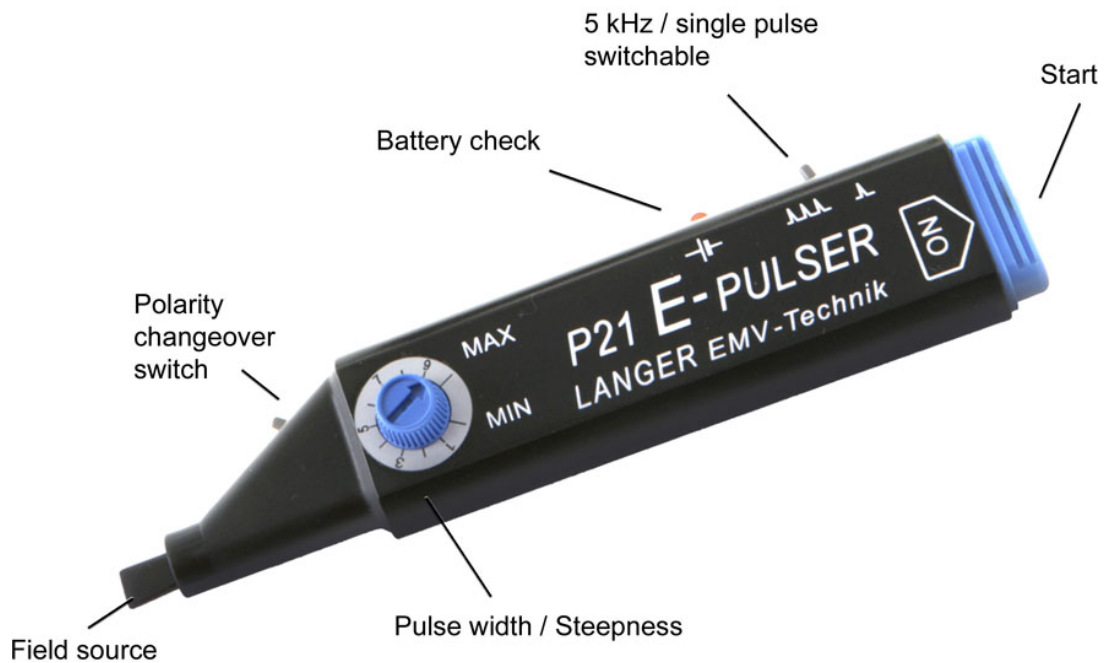
| | |
|----------------|--------------------|
| 生成的电场强度 | ca. 100 kV/m |
| 脉冲参数 | |
| 上升时间 | 1.8 ns ... 10 ns |
| 频率 | single / 5 kHz |
| 极性 | switchable |
| 电源电压 | 1.5 V / AAA |
| 重量 | 30 g |
| 尺寸 (L x W x H) | (118 x 24 x 13) mm |

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Design of P21 mini burst field generator



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Application with P21

