

Passive 1X/10X Voltage Probe

P2220 / P2221



Features & Benefits

- 1X/10X Attenuation
- 200MHz Bandwidth
- 1.5 Meter Length
- UL3111-1, CSA1010.1, EN61010-1, EN61010-2-031, and IEC61010-2-031

Applications

- Relative Low Frequency Measurements
- Low Frequency Computer and Telecom Measurements
- Power Supplies
- Low Frequency Amplifiers

P2220 / P2221 Passive Voltage Probe

The P2220 and P2221, 200MHz passive voltage probe permits selection of X1 or X10 attenuation, using a switch located on the probe head.

This P2220 probe is compatible with TDS220, TDS1000, TDS1000B, TDS2000, TDS2000B and TPS2000 Series oscilloscopes.

The P2220 probe also provides floating measurement capability up to 30V_{RMS} with TPS2000 Series oscilloscopes only.

(Note: Do not Float with TDS2000, TDS2000B, TDS200 Series

Oscilloscopes.) The P2221 is compatible with MSO2000 and DPO2000 oscilloscope.

勝特力材料 886-3-5753170
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[Http://www.100y.com.tw](http://www.100y.com.tw)

Characteristics

10X Position

Bandwidth - DC to 200 MHz

Probe Length - 1.5 m

Attenuation Ratio - 10:1

Compensation Range -

P2220: 15 to 25 pF

P2221: 10 to 25 pF

Input Capacitance -

P2220: 17.0 pF (typ)

P2221: 17.0 pF (typ)

Input Resistance - 10 M Ω

Maximum Input Voltage - 300 V CAT II

Maximum Voltage Between Reference Lead and Earth Ground - 30 VRMS*1

1X Position

Bandwidth - DC to 6 MHz

Probe Length - 1.5 m

Attenuation Ratio - 1:1

Compensation Range - All oscilloscopes with 1 M Ω input

Input Capacitance -

P2220: 110 pF (typ)

P2221: 110 pF (typ)

Input Resistance - 1 M Ω

Maximum Input Voltage - 150 V CATII

Maximum Voltage Between Reference Lead and Earth Ground - 30 VRMS*1

*1 The float voltage must be subtracted from the tip to earth ground voltage. For example, if the reference lead is floated to 30 VRMS while the probe is in the 10X position, the tip voltage to the reference lead is limited to 270 VRMS.

Ordering Information

P2220

Passive Probe, 1X/10X, 200-MHz Passive Voltage Probe.

Includes: Retractable hook tip (013-0107-xx), 6-inch ground lead (196-3466-xx), adjustment tool (003-1433-xx), marker band set (016-1315-xx), Instruction Manual (071-1464-xx).*2

P2221

Passive Probe, 1X/10X, 200-MHz Passive Voltage Probe for MSO/DPO2000 Series oscilloscopes.

Includes: Retractable hook tip (013-0107-xx), 6-inch ground lead (196-3466-xx), adjustment tool (003-1433-xx), marker band set (016-1315-xx), Instruction Manual (071-2335-xx).*2

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