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Passive 10X Voltage Probe

TPP0200, TPP0201 Datasheet



The TPP0200 and TPP0201 probes are 200 MHz, 10X passive voltage probes with 10 MΩ input resistance.

Key features

- 10X Attenuation
- 200 MHz Bandwidth
- 1.3 m Length
- UL61010-031; 2007, CAN/CSA C22.2 No. 61010-031-07, IEC61010-031; IEC 61010-031/A1:2008
- Applications:
  - Relative low-frequency measurements
  - Low-frequency computer and telecom measurements
  - Power supplies
  - Low-frequency amplifiers

TPP0200, TPP0201 Passive Voltage probes

The TPP0200 and TPP0201 probes are for use on BNC oscilloscopes with 1 MΩ/13 pF (TPP0200) and 1 MΩ/20 pF (TPP0201) inputs.

For a complete list of compatible oscilloscopes, refer to the Tektronix Oscilloscope Probe & Accessory Selector Tool at http://www.tek.com/probes.

Specifications

All specifications are guaranteed unless noted otherwise. All specifications apply to all models unless noted otherwise.

Electrical characteristics

Bandwidth	DC to 200 MHz
Rise time	<2.3 ns (typical)
Compensation range	
TPP0200	8 pF to 18 pF
TPP0201	15 pF to 25 pF
Input resistance	10 MΩ ±1.5%
Input capacitance	<12 pF (typical)
Propagation delay	~6.1 ns
Maximum input voltage	300 V_{RMS} CAT II

Physical characteristics

Probe cable length	1.3 m (4.2 ft)

EMC, environment, and safety

Temperature range	
Operating	-10 °C to +55 °C (14 °F to 131 °F)
Non-operating	-51 °C to +71 °C (-60 °F to 160 °F)
Humidity	
Operating and non-operating	5% to 95% relative humidity (%RH) up to 30 °C (86 °F), 5% to 65% RH above +30 °C (86 °F) up to +55 °C (131 °F)
Altitude	
Operating	<3 km (9,842 ft)
Non-operating	<12.2 km (40,026 ft)

Ordering information

TPP0200	For use with BNC oscilloscopes with 1 MΩ, 13 pF inputs
TPP0201	For use with BNC oscilloscopes with 1 MΩ, 20 pF inputs

Probe packages

TPP0201-PK10	10-pack of TPP0201 probes
TPP0201-PK50	50-pack of TPP0201 probes

Standard accessories

003-1433-xx	Adjustment tool
013-0362-xx	Retractable hook tip
016-0633-xx	Color bands, 5 pairs
016-2028-xx	Long ground spring, 2 each
196-3521-xx	6 in. alligator ground lead

Warranty

One-year warranty covering all parts and labor.

Recommended accessories

196-3556-xx	Electrical Y-lead
013-0363-xx	Micro hook tip
013-0366-xx	Universal IC cap
013-0367-xx	BNC-to-probe tip adapter, unterminated
016-2016-xx	PCB-to-probe tip adapter, 10-pack
016-2034-xx	Short ground spring, 2 each
131-8831-xx	Compact probe-tip chassis mount
196-3198-xx	6 in. clip-on ground lead with 0.025 in. pin receptacle
196-3512-xx	12 in. alligator ground
206-0569-xx	MicroCKT test tip

Tektronix is ISO 14001:2015 and ISO 9001:2015 certified by DEKRA.

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