

## THP0301 Series Passive 10x Voltage Probe

### THP0301-Y, THP0301-B, THP0301-M, THP0301-G Datasheet



voltage electrical applications, making it possible to obtain accurate measurements in mixed-signal environments with separate ground references.

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

The THP0301 probes are 300 MHz, 10X passive voltage probes with 10 M $\Omega$  input resistance. These probes are for use with the THS3000 Series oscilloscopes and are color coded to match the oscilloscope's channel input connectors, front-panel channel selector buttons, and the displayed waveforms.

#### Key features

- 300 MHz bandwidth for the THS3000 series handheld oscilloscopes
- 10X attenuation
- 1.2 m length

#### Applications

- Low-frequency computer and telecom measurements
- Power supplies
- Low-frequency amplifiers
- Inverter design
- Power conversion

#### Safely measure from mV to kV

The THP0301 probes have a CAT III safety rating which matches the safety rating on the THS3000 Series oscilloscopes enabling you to safely measure voltage ranges from mV to kV. You'll be able to measure anything from micro-electronics to heavy-duty medium-

## Specifications

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

	Description
Bandwidth	DC to 300 MHz
Probe length	1.2 m
Compensation range	10 pF to 22 pF
Input capacitance	11 pF
Input resistance	10 M $\Omega$
Maximum input voltage	300 v CAT III

## Ordering information

One of each probe is included as a standard accessory with the THS3000 series oscilloscopes.

THP0301-Y	(Yellow) DC to 300 MHz, 10X high-voltage probe
THP0301-B	(Blue) DC to 300 MHz, 10X high-voltage probe
THP0301-M	(Magenta) DC to 300 MHz, 10X high-voltage probe
THP0301-G	(Green) DC to 300 MHz, 10X high-voltage probe

## Optional accessories

020-3085-xx	Probe accessory replacement kit
-------------	---------------------------------

ASEAN / Australasia (65) 6356 3900  
 Belgium 00800 2255 4835\*  
 Central East Europe and the Baltics +41 52 675 3777  
 Finland +41 52 675 3777  
 Hong Kong 400 820 5835  
 Japan 81 (120) 441 046  
 Middle East, Asia, and North Africa +41 52 675 3777  
 People's Republic of China 400 820 5835  
 Republic of Korea +822 6917 5084, 822 6917 5080  
 Spain 00800 2255 4835\*  
 Taiwan 886 (2) 2656 6688

Austria 00800 2255 4835\*  
 Brazil +55 (11) 3759 7627  
 Central Europe & Greece +41 52 675 3777  
 France 00800 2255 4835\*  
 India 000 800 650 1835  
 Luxembourg +41 52 675 3777  
 The Netherlands 00800 2255 4835\*  
 Poland +41 52 675 3777  
 Russia & CIS +7 (495) 6647564  
 Sweden 00800 2255 4835\*  
 United Kingdom & Ireland 00800 2255 4835\*

Balkans, Israel, South Africa and other ISE Countries +41 52 675 3777  
 Canada 1 800 833 9200  
 Denmark +45 80 88 1401  
 Germany 00800 2255 4835\*  
 Italy 00800 2255 4835\*  
 Mexico, Central/South America & Caribbean 52 (55) 56 04 50 90  
 Norway 800 16098  
 Portugal 80 08 12370  
 South Africa +41 52 675 3777  
 Switzerland 00800 2255 4835\*  
 USA 1 800 833 9200

\* European toll-free number. If not accessible, call: +41 52 675 3777

**For Further Information.** Tektronix maintains a comprehensive, constantly expanding collection of application notes, technical briefs and other resources to help engineers working on the cutting edge of technology. Please visit [www.tek.com](http://www.tek.com).

Copyright © Tektronix, Inc. All rights reserved. Tektronix products are covered by U.S. and foreign patents, issued and pending. Information in this publication supersedes that in all previously published material. Specification and price change privileges reserved. TEKTRONIX and TEK are registered trademarks of Tektronix, Inc. All other trade names referenced are the service marks, trademarks, or registered trademarks of their respective companies.

6 Feb 2023 3GW-27122-4  
[www.tek.com](http://www.tek.com)

**Tektronix**<sup>®</sup>