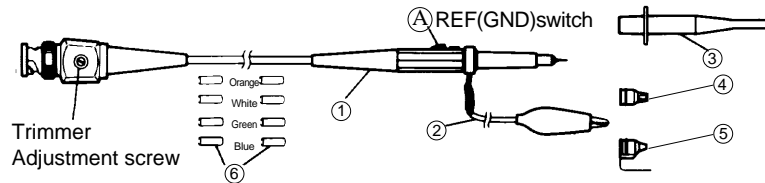


Abstract

The model 700996 is a 1 M Ω passive probe with attenuation ratio of 1/10.
Ground level can easily be found by pushing the (A) REF (GND) switch in the figure below.

Composition

This probe is composed of the probe and its accessories. Optional accessories are available to meet various applications.

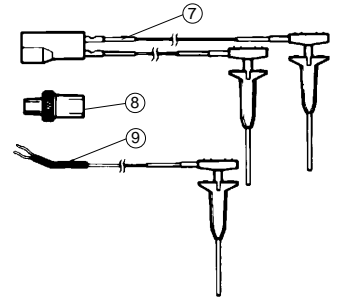


Standard Accessory

Name	Part No.
Probe body	B9852CB
Ground lead	B9852BD
Pinchers tip	B9852BE
IC test tip	B9852BF
Ground attachment	B9852BG
Marker tip	B9852DH

Optional Accessory

Name	Model
7 Miniclip converter	700971
8 BNC adapter	700972
9 Ground lead	700973



Specifications

Item	Specifications	Conditions
Probe length	1.5 m	
Connector type	BNC	
Input resistance	10 M Ω \pm 2%	In conjunction with an oscilloscope with input impedance of 1 M Ω \pm 2%.
Input capacitance	14 pF	
Attenuation ratio	1/10 \pm 2%	In conjunction with an oscilloscope with input impedance of 1 M Ω \pm 2%.
Bandwidth (-3 dB)	150 MHz	Subject to change by type of used oscilloscope.
Rise time	2.4 ns max.	Subject to change by type of used oscilloscope.
Max. input voltage	600 V (DC+ACpeak)	Frequency of the AC needs to be less than 100 kHz.

Usage

Use adequate attachment suitable for the point to measure.
Ground level is verified by pressing REF (GND) switch.
Before using the probe, adjust its capacitance by tuning the trimmer.

Adjustment

- (1) Connect the probe connector to the input of the oscilloscope, and connect the tip of the probe to the CAL signal output terminal.
- (2) Change the Time/Div and the V/Div to get the display shown below. And tune the trimmer to get the correct waveform.

