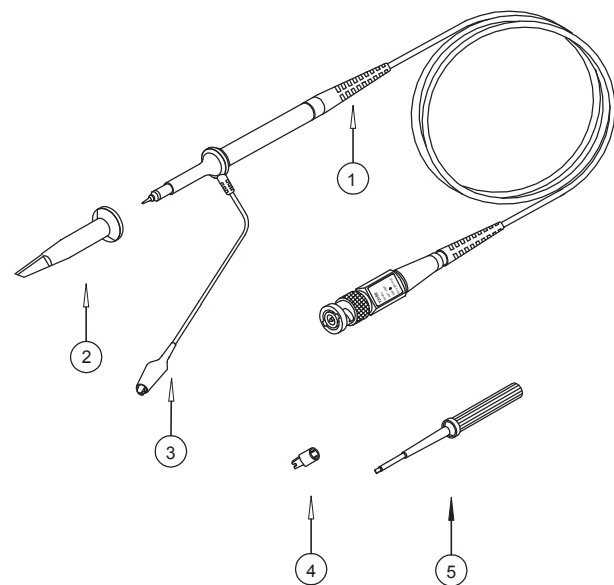


T3100 Probe Assembly Drawing



Part Exposition :

1. Probe Rod
2. Probe Tip
3. Ground Lead
4. Tip Locating Sleeve
5. Adjustment Tool

Note: Contents of this document are subject to change without notice.

Specifications

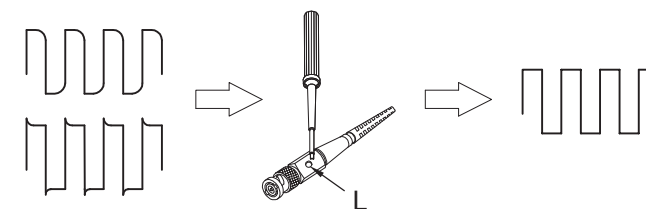
These characteristics apply to a T3000 series probe installed on a specified oscilloscope. When used with another instrument, the oscilloscope must have an input impedance of 1 M ohm,. The instrument must have a warm-up period of at least 20 minutes and be in an environment that does not exceed the limits.

Item	T3100
Attenuation	1:100
Input Resistance	100M
Input Capacitance	X100: 3.5pF~10.5pF
Compensation Range	10pF~35pF
System Bandwidth	X100: DC~100MHz
Maximum Working Input Voltage	X100: <2000VDC+Peak AC
Net Weight	<65g
Cable Length	120cm
Temperature Operating	-10 --+50
Non operating	-20 --+75
Humidity	Less than or equal to 85% (Relative Humidity)

Maintenance

Low-Frequency probe Compensation

Before taking any measurements using a probe, first check the compensation of the probe and adjust it to match the channel inputs. Most oscilloscopes have a square wave reference signal available at a terminal on the front panel used to compensate the probe. Connect the probe to the signal source to display a 1KHz test signal on your oscilloscope.



Adjust trimmer L until seeing flat-top square wave on the display.

Maximum Working Voltage Derating Curve (VDC+Peak AC)

