

CT-T10 Broadband Current Transformer



1. Description

The CT-T10 series broadband current transformers are designed to monitor current in both time domain and frequency domain measurement applications. This through-hole style probe has an inner diameter of 15.2 mm and an outer diameter of 56.5 mm. Two variants of the probe are offered with probe factors of 0.5 V/A and 0.05 V/A with frequency response 3 dB bandwidths that nominally span from 10 Hz to 20 MHz and 5 Hz to 30 MHz, respectively.

2. Features

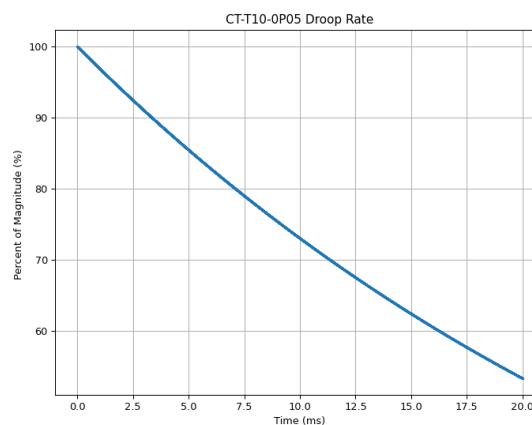
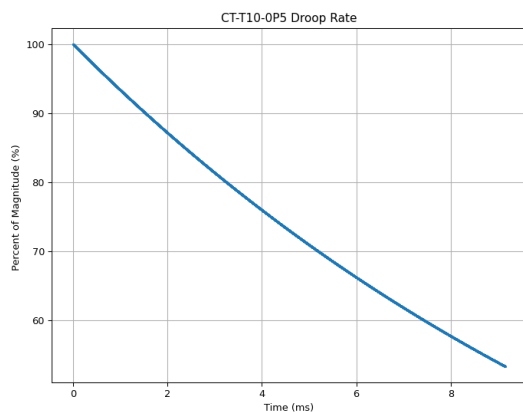
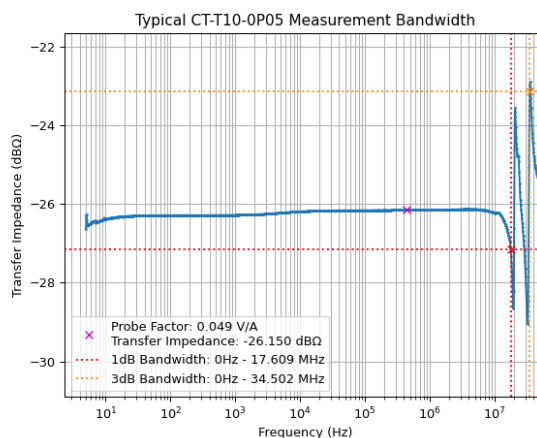
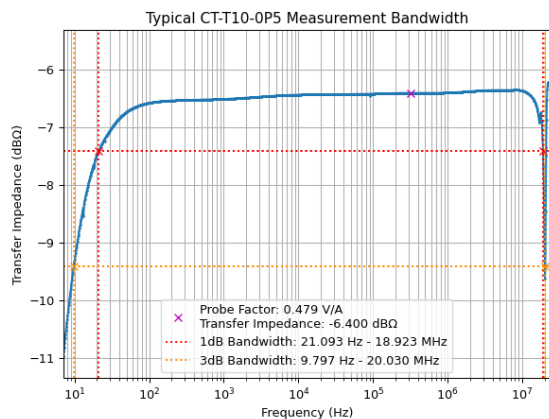
- Flat transfer impedance
- Compact, lightweight, and robust design
- 15mm through-hole diameter
- BNC-connector measurement port

3. Applications

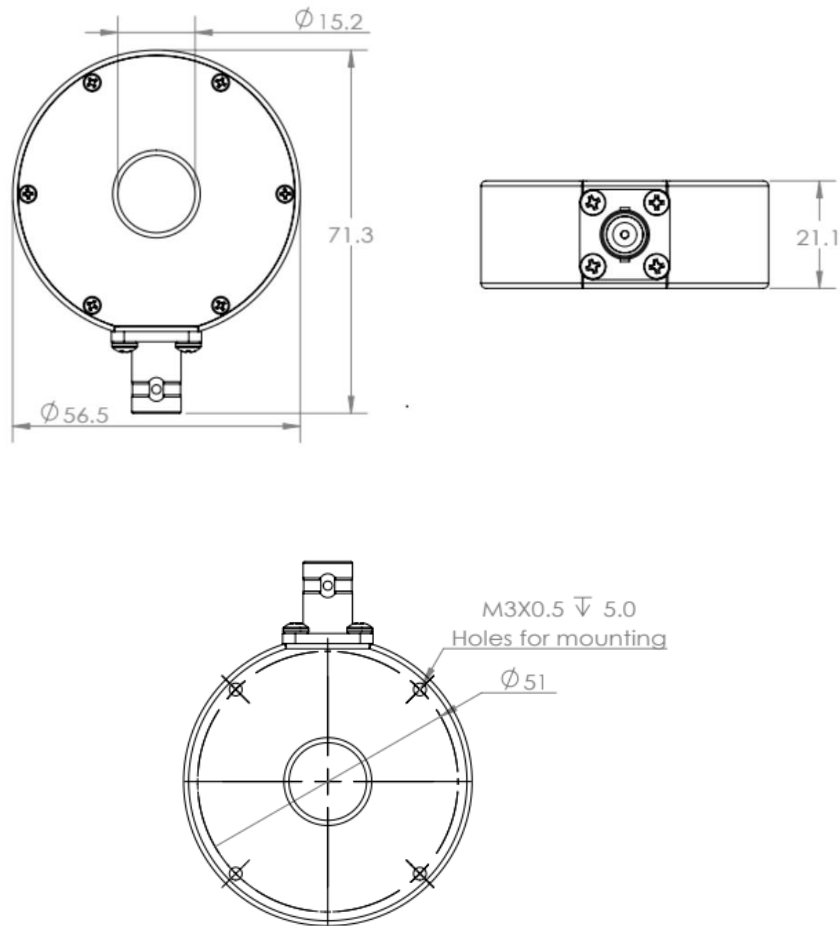
- High-current time-domain measurement
- ESD, EOS, and LVS pulse current measurement

4. Specifications

Parameter	CT-T10-0P5	CT-T10-0P05
Probe Factor (V/A)	0.5	0.05
Transfer Impedance (dB Ω)	-6	-26
Current-Time Product (A· μ s)	200	2000
Flat Response Bandwidth (3dB)	10 Hz – 20 MHz	5 Hz – 30 MHz



5. Dimensions



6. Ordering Information

Line	Part # or Option #	Description	Status
1	CT-T10-0p05	CT-T10 Broadband Current Transformer, 0.05 V/A	Active
2	CT-T10-0p5	CT-T10 Broadband Current Transformer, 0.5 V/A	Active