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PERFORMANCE CHECKSHEET

Model: AVX-T  
Type: Ultra-High-Speed Bias Tee  
S.N.: 13252  
Date: September 17, 2015

Basic specifications -

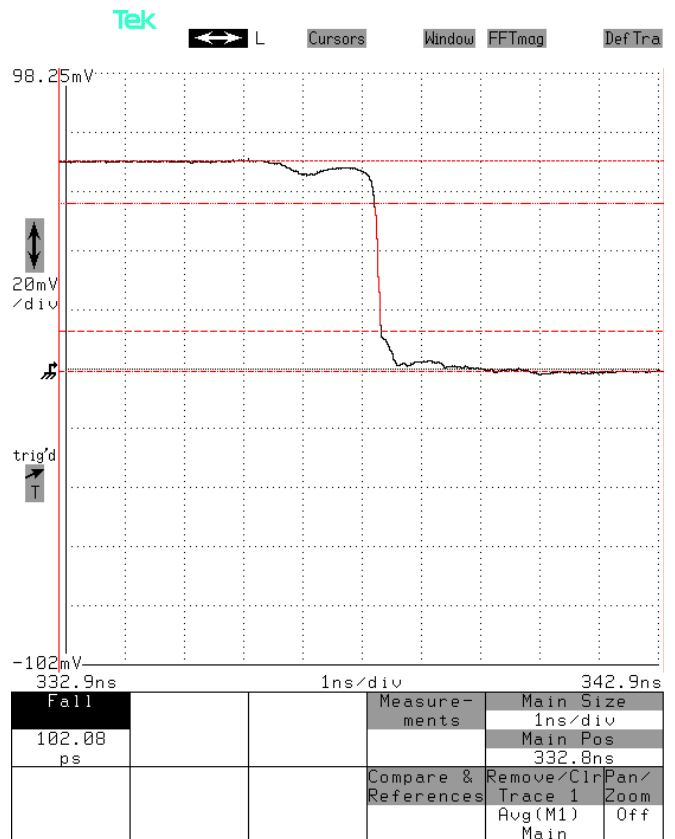
Capacitor voltage limit: 200V  
Inductor current limit: 0.5A  
Pulse width range: 0.2 – 50 ns  
Rise time (20%-80%): < 60 ps

Rise Time Test

~95 ps rise time, -7V input to AVX-T,  
1 ns/div. 2 V/div (20 mV/div × 40 dB):

Corresponding output of AVX-T with +7V DC bias added,

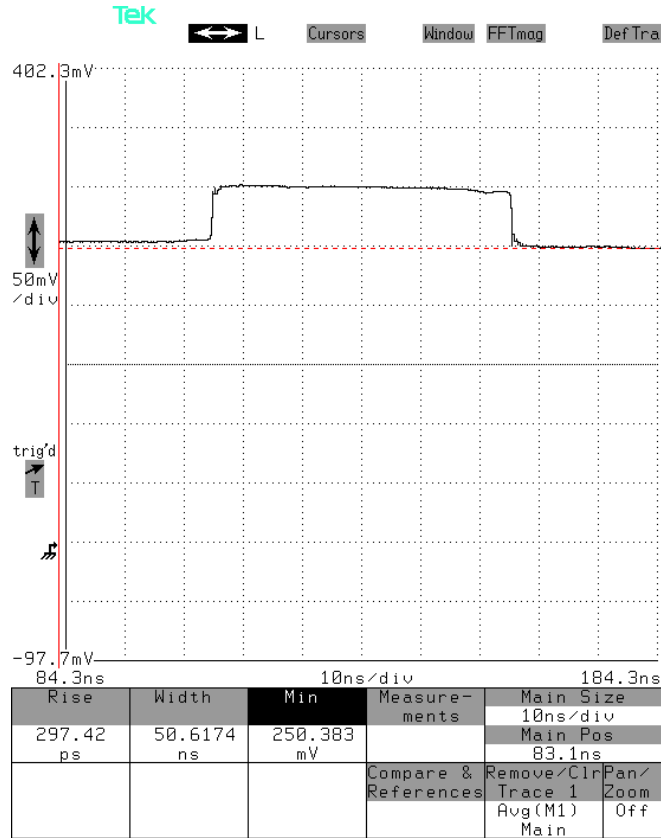
1 ns/div. 2 V/div (20 mV/div × 40 dB):



### Pulse Width / DC Current Test

50 ns, +5V pulse, with ~300 ps rise times (from model AV-1030-B) combined a DC bias of +25V / 0.5A, into a 50 Ohm load.

10 ns/div. 5 V/div (50 mV/div × 40 dB):



### High Voltage DC Test

Same 50 ns, +5V pulse, with ~300 ps rise times (from model AV-1030-B), but combined a DC bias of +200V / 0 mA, into an AC-coupled load consisting of 50 Ohms in series with 0.1 uF.

20 ns/div, 50V/div.

