



info@avtechpulse.com
http://www.avtechpulse.com/

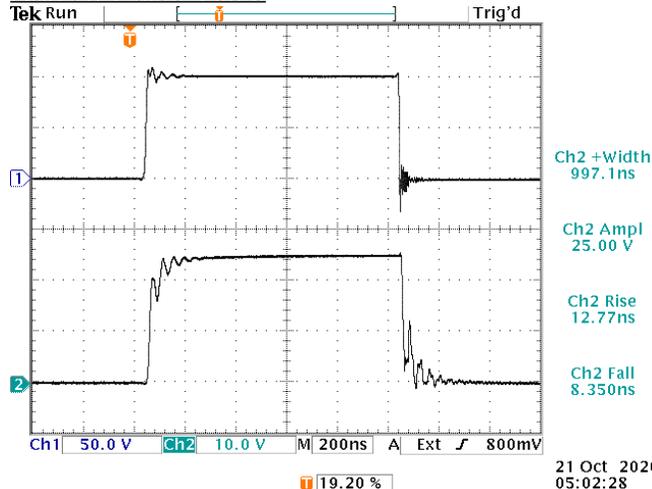
Tel: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
Fax: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

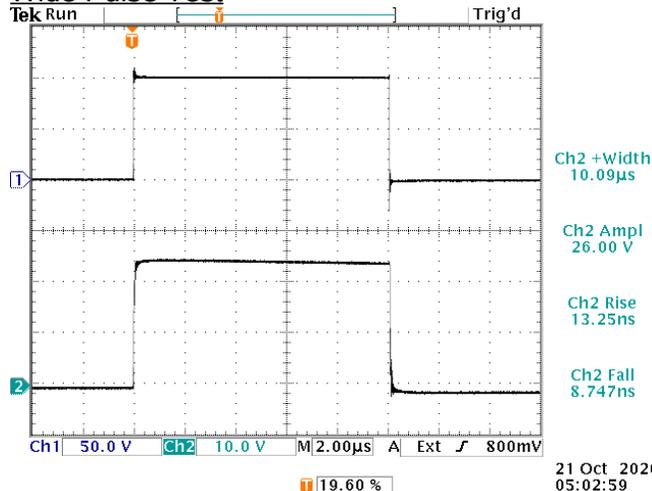
Model: AVX-MRB6
Type: Current-Quadrupling Pulse Transformer
S.N.: 14094
Date: October 22, 2020

Narrow Pulse Tests



Top: +100V, 1 us pulse from AV-1010-B. 50V/div.
Bottom: Output of AVX-MRB6 into 3.1Ω, 10 V/div.
Both: 200 ns/div.

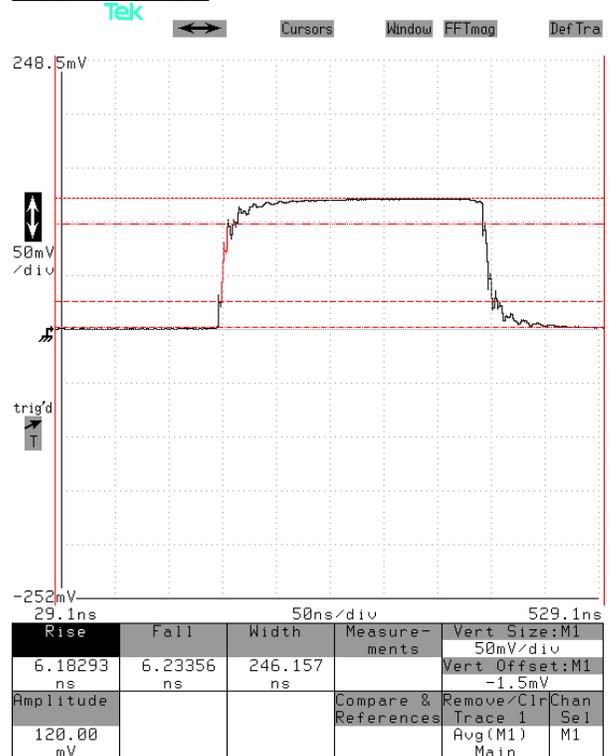
Wide Pulse Test



Top: +100V, 10 us pulse from an AV-1010-B.
Bottom: Output of AVX-MRB6 into 3.1Ω, 10 V/div.
Both: 2 us/div.

- a) Impedance match: 50 Ω to 3 Ω
- b) Maximum input: 100V
- c) Maximum output: 25V / 8A
- d) Maximum pulse width: 10 us
- e) Rise time (20%-80%): < 30 ns
- f) Droop: < 5 %

Rise Time Test



Output of AVX-MRB6 into 3.1Ω, in response to a 500 mV pulse with ~300 ps rise time.