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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

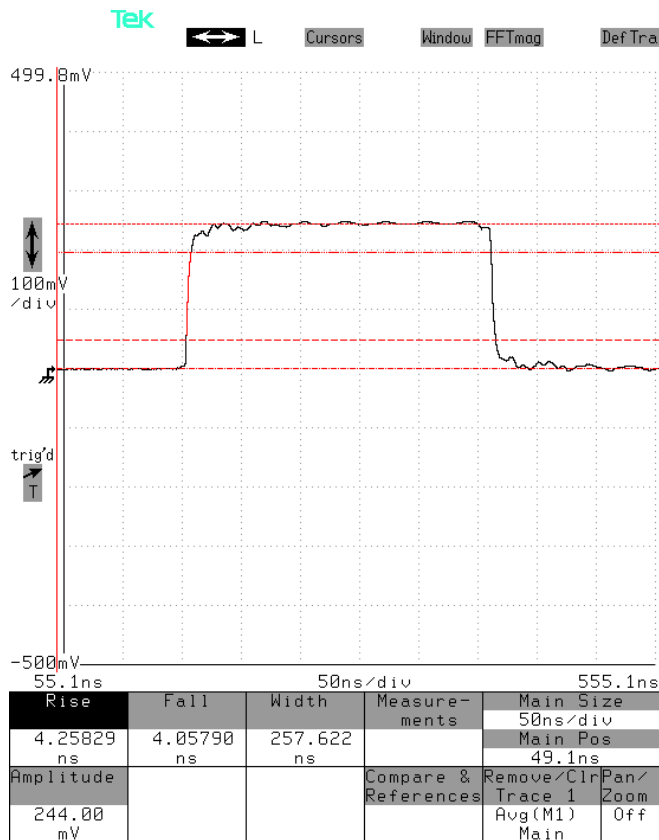
PERFORMANCE CHECKSHEET

Model: AVX-MRB4
Type: Current-Doubling Pulse Transformer
S.N.: 13888
Date: June 17, 2019

Impedance match: 50 Ω to 12.5 Ω
Maximum input: 400V
Maximum output: 200V / 16A
Maximum pulse width: 5 us
Rise time (20%-80%): < 5 ns
Drop: < 5 %

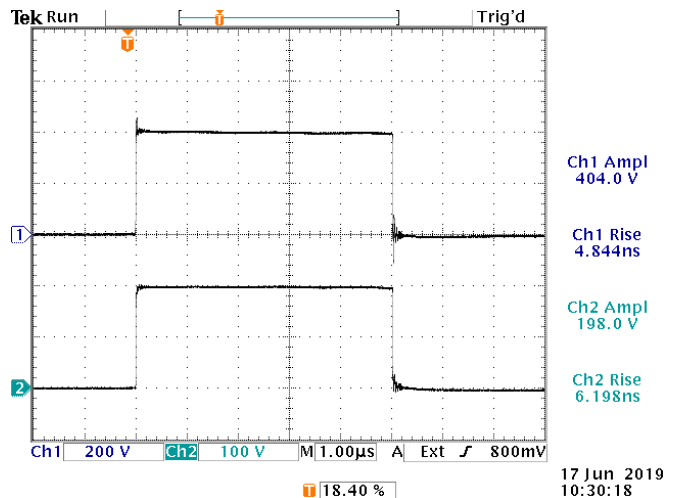
Basic specifications: →

Rise Time Test



Output of AVX-MRB4 into 12.5 Ohms, in response to a 500 mV pulse with ~300 ps rise time (from model AV-1030-B).
100 mV/div, 50 ns/div.

Wide High-Voltage Pulse Test



Top: +400V, 5 us pulse from model AVRZ-5W-B.
200 V/div, 1 us/div.

Bottom: +200V output from AVX-MRB4 into a 12.5 Ohm load. 100 V/div, 1 us/div.

The output rise time should be less than:
 $\sqrt{(4.844^2 + 5^2)} = 6.962$ ns. The observed output rise time is 6.198 ns, meeting the specification.