



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

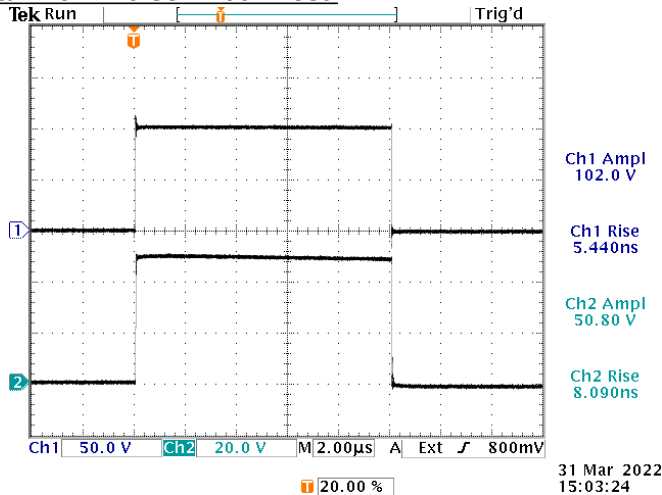
Tel: 888-670-8729 (USA & Canada)
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVX-MRB5
Type: Current-Doubling Transformer
S.N.: 14225
Date: April 1, 2022

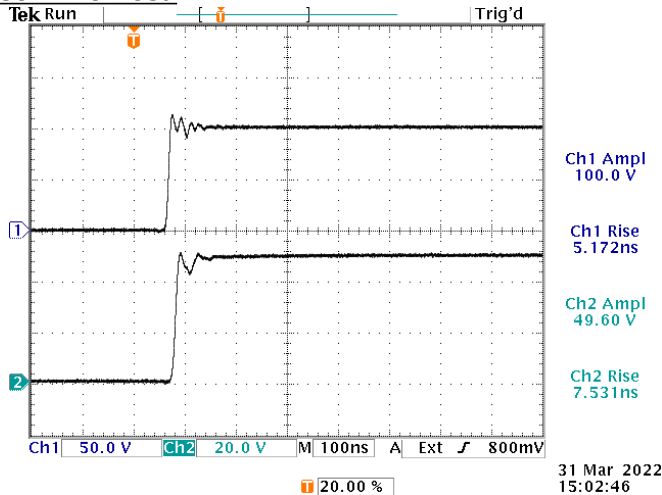
Maximum Pulse Width Test:



- a) Output Signal Amplitude: 0 to ±50V (RLOAD = 12.5Ω)
b) Pulse Width (FWHM): 10 us maximum
c) Rise Time (20%-80%): ≤ 20 ns
d) Fall Time (80%-20%): ≤ 20 ns

Top: +100V input pulse from an AVR-2B-B pulser
Bottom: AVX-MRB5 output waveform into 12.5Ω
(providing 50V / 12.5Ω = 4A)

Rise Time Test:



Same waveform as above, but scaled at 100 ns/div.

Reference levels: 20%, 80%