

PULSE GENERATOR

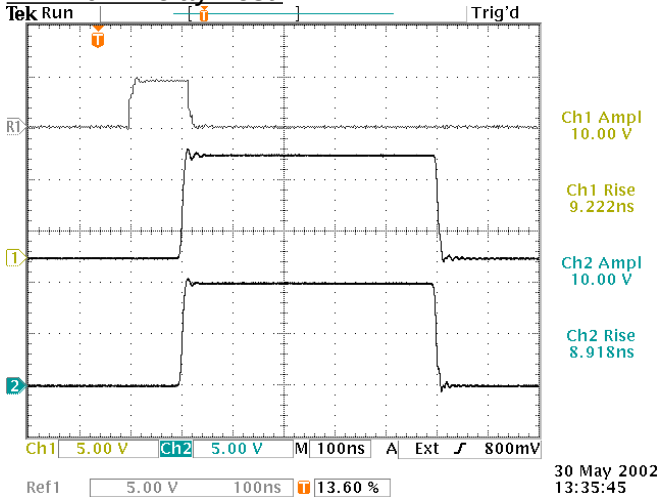
PERFORMANCE CHECK

Model: AVX-DD-A3-PS-TC

S.N.: 10230

Date: May 30, 2002

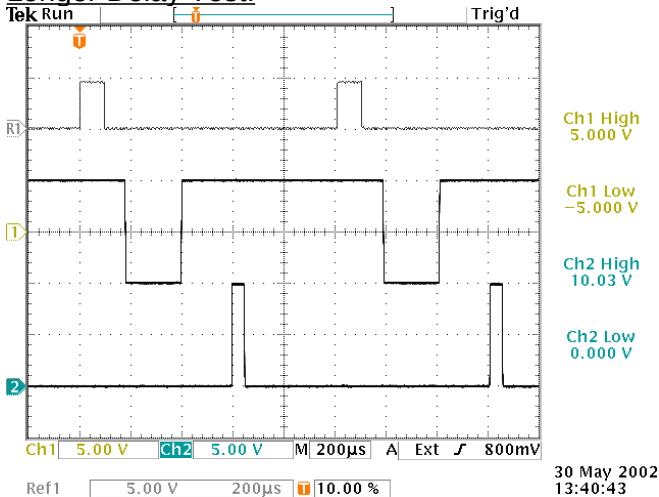
Minimum Delay Test:



Top: TRIG IN, TTL signal. 5V/div, 100 ns/div
Mid: OUT1, +10V, 500 ns, to 50Ω. 5V/div, 100 ns/div
Bot: OUT2, +10V, 500 ns, to 50Ω. 5V/div, 100 ns/div

- a) Output Signal Amplitude: 0 to $\pm 10V$
- b) Pulse Width: 50 ns - 500 ms
- c) Delay: 0 to 500 ms (100 ns insertion delay)
- d) Rise Time: 10 ns
- e) Fall Time: 10 ns
- f) PRF: 1Hz - 10 MHz
- g) Jitter, Stability: OK

Longer Delay Test:



Top: TRIG IN, TTL signal. 5V/div, 200 us/div
Mid: OUT1, +10V with -5V offset, 800 us pulse width, 400 us delay, to 50Ω. 5V/div, 200 us/div
Bot: OUT2, +10V with 0V offset, 50 us pulse width, 600 us delay, to 50Ω. 5V/div, 200 us/div

- h) Prime Power: 100V $\pm 10\%$, 50-60 Hz,