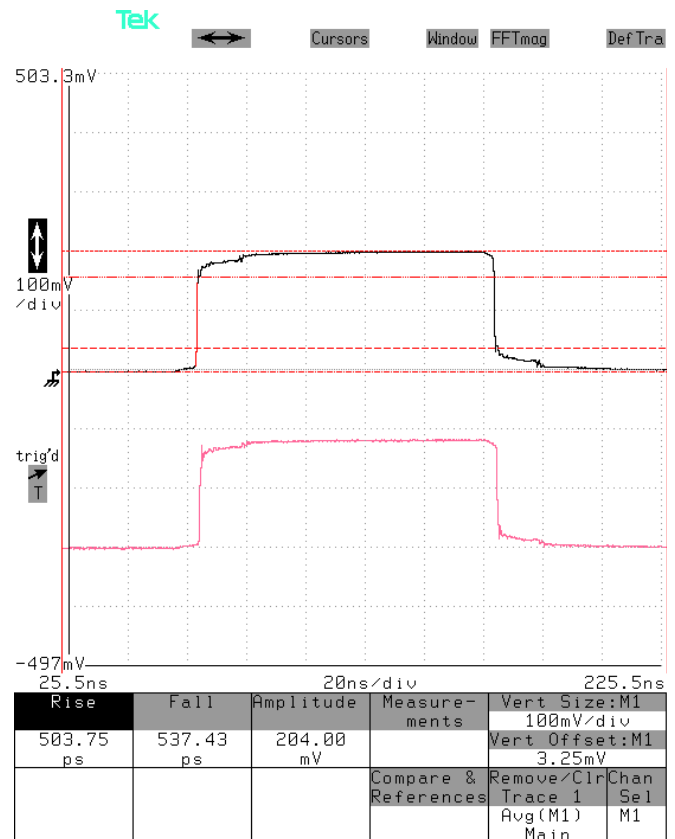
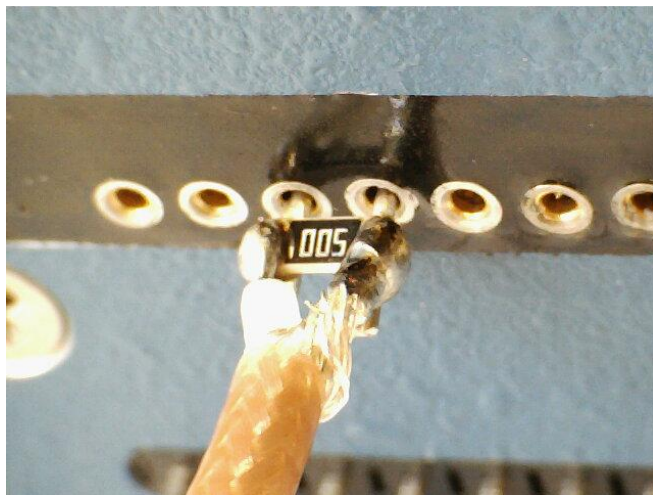


PERFORMANCE CHECKSHEET

Model: AVX-S5-P1C
Type: High-Bandwidth Output Module
S.N.: 14221
Date: March 9, 2022

Rise Time and Anode/Cathode Continuity Check

Test method: Short leads are soldered to a 50Ω chip resistor. A coaxial cable is soldered across the resistor. The signal lead is inserted into the cathode pin socket. The grounded lead is inserted into the anode pin socket. The total effective resistor is 50 Ω || 50 Ω (R_{SCOPE}) = 25 Ω.



Top: Voltage measured across the resistor in response to a +4V pulse applied from an Avtech AV-1030-B pulse generator. It should be approximately $(+4V / 50\Omega) \times 25\Omega = +2V$, which agrees with the observed waveform.
1 V/div (= 100 mV/div × 20 dB), 20 ns/div.

Bottom: “MI” output, approximately +4V / 11.
200 mV/div (= 20 mV/div × 20 dB), 20 ns/div.