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CANADA K2C 3H5

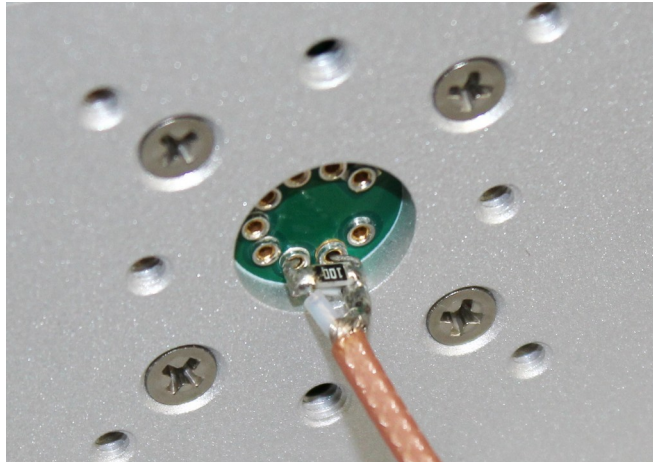
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PERFORMANCE CHECKSHEET

Model: AVX-S1-TO66-NP1A-RS45
Type: High-Bandwidth Output Module
S.N.: 13719
Date: May 28, 2018

Rise Time and Anode/Cathode Continuity Check

Test method: Short leads are soldered to two 10.0Ω chip resistors in parallel. A coaxial cable is soldered across the resistors. The signal lead is inserted into the anode pin socket. The grounded lead is inserted into the cathode pin socket. The total effective resistance is 10 Ω || 10 Ω || 50 Ω (R_{SCOPE}) = 4.54 Ω.



Top: Voltage measured across the resistor in response to a > 400 mA pulse applied from an Avtech AVO-9B2-B-P-P1B-T1B-AK1-AK8-VXI-R5 (S/N 13726) pulse generator. It should be approximately > 0.4A × 4.54Ω = 1.82V, which agrees with the observed waveform. 1V/div (= 100 mV/div × 20 dB), 2 ns/div.

Bottom: "MI" output, 1V/div (= 100 mV/div × 20 dB), 2 ns/div.