



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVX-M4-S
Type: Current-Quadrupling Pulse Transformer
S.N.: 13502
Date: September 7, 2016

Impedance match: 50 Ω to 3 Ω
Maximum input: 30V
Maximum output: 7.5V / 2.5A
Maximum pulse width: 250 ns @ 15V
Rise time (20%-80%): < 300 ps
Droop: < 5 %

Basic specifications: →

Test Waveforms

Input to AVX-M4, generated by AVK pulser,

2 ns/div. 2 V/div (200 mV/div × 20 dB):

Corresponding output of AVX-M4, into 3.1Ω,

2 ns/div. 1 V/div (100 mV/div × 20 dB):

