



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

□ P.O. BOX 265  
OGDENSBURG, NY  
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

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

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

## PERFORMANCE CHECKSHEET

Model: AVX-M4  
Type: Current-Quadrupling Pulse Transformer  
S.N.: 13576  
Date: May 31, 2017

Impedance match: 50 Ω to 3 Ω  
Maximum input: 350V  
Maximum output: 87V / 28A  
Maximum pulse width: 100 ns  
Rise time (20%-80%): < 2 ns  
Droop: < 5 %

Basic specifications: →

### Test Waveforms

Input to AVX-M4, generated by AVL-2-B,  
20 ns/div. 100 V/div (100 mV/div × 60 dB):

Corresponding output of AVX-M4,  
20 ns/div. 50 V/div (50 mV/div × 60 dB):

