



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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## PERFORMANCE CHECKSHEET

Model: replacement PGA-P module  
Type: Ultra-High-Speed Pulse Generator  
S.N.: for AVPP-1-C-P, S/N 9277  
Date: March 12, 2010

Output Amplitude: 0 to 10V, to 50Ω  
Pulse Width (FWHM): 0.2 – 5 ns  
Rise Time (20%-80%): ≤ 100 ps  
Fall Time (80%-20%): ≤ 350 ps  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: +15V and -15V

Basic specifications: →

### Test Waveforms

10 kHz, < 0.2 ns, > +10V,

10 kHz, > 5 ns, > +10V,

200 ps/div. 5 V/div (50 mV × 40 dB):

1 ns/div. 5 V/div (50 mV × 40 dB):

