



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: AVP-AV-1S-C-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 13305
Date: June 9, 2015

Output Amplitude: up to +5V, to 50Ω
Pulse Width (FWHM): 0.2 – 4 ns
Rise Time (20%-80%): ≤ 60 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: +15V DC

Basic specifications: →

Test Waveforms

> 4 ns pulse width at 1 MHz, > 5V out,

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

< 200 ps pulse width at 1 MHz, > +5V out,

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

