



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AV-144B1-HUD
Type: High-Speed Pulse Generator Module
S.N.: 13427
Date: March 15, 2016

Output Amplitude: up to +100V, to 50Ω
Pulse Width (FWHM): 30 ns – 1 ms
Rise Time (20%-80%): ≤ 10 ns
Fall Time (80%-20%): ≤ 10 ns
Duty cycle: 5% maximum
Jitter, Stability: OK
Prime Power: +24V, 0 to +102V DC

Basic specifications: →

Test Waveforms

1 kHz, 250 ns, +100V,

50 Hz, 1 ms, +100V,

50 ns/div. 20 V/div (20 mV/div × 60 dB):

200 us/div. 20 V/div:

