



**AVTECH ELECTROSYSTEMS LTD.**

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

P.O. BOX 265  
OGDENSBURG, NY  
U.S.A. 13669-0265  
TEL: (315) 472-5270  
FAX: (613) 226-2802

TEL: 1-800-265-6681  
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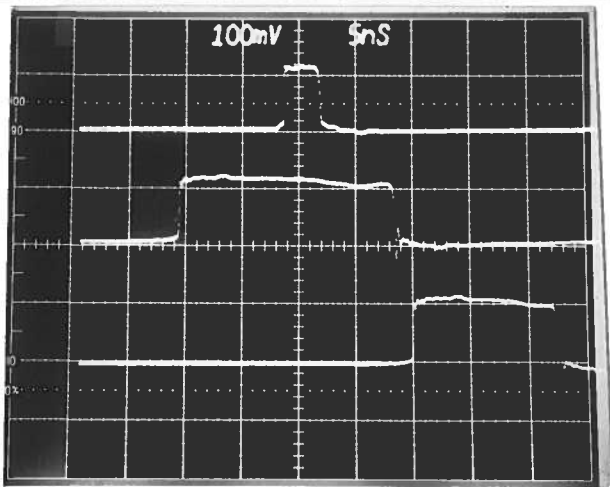
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4  
TEL: (613) 226-5772  
FAX: (613) 226-2802

PERFORMANCE CHECKSHEET

Model: *AVP-AVMP-2CHPP-C-UBB*

S.N.: *11368*

Date: *DEC 1 2005*



*40 dB ATTN.: 10 V/DIV*

- ① out A, 5 ns/DIV
  - ② out B, 5 ns/DIV, DELAY B  
SET NEAR MAX CCW
  - ③ out B, 5 ns/DIV, DELAY B  
SET NEAR MAX CW.
- PRF = 1.0 MHz.*

- a) Output Signal Amplitude:  
*0 TO +10 V  
(7050Ω)*
  - b) Pulse Width(FWHM):  
*A) 0.2 TO 4.0 NS  
B) 7 NS TO 1 US.*
  - c) Rise Time (20%-80%):  
*A) ≤ 100 ps  
B) ≤ 200 ps*
  - d) Fall Time (80%-20%):  
*A) ≤ 135 ps  
B) ≤ 300 ps*
  - e) PRF:  
*0 TO 1 MHz BUT  
MAX DUTY CYCLE OF  
5%*
  - f) Jitter, Stability:  
*OK*
  - g) Prime Power: *100 - 240 V  
50 - 60 Hz*
- A) DELAY (B WRT A):  
± 10 NS.*



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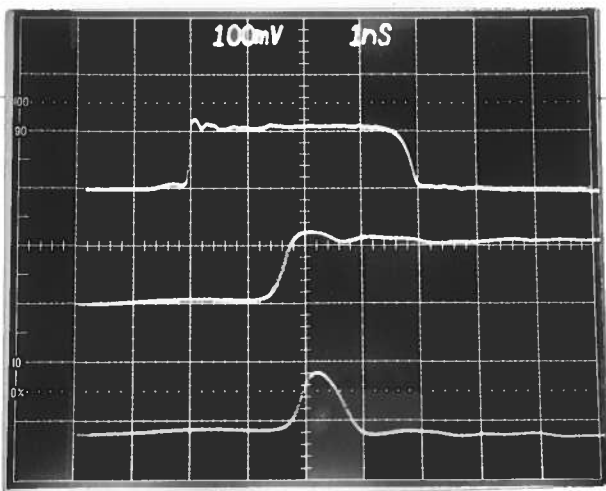
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## PERFORMANCE CHECKSHEET

Model:

S.N.: 11368 CONT.



← 4

a) Output Signal Amplitude:

← 5

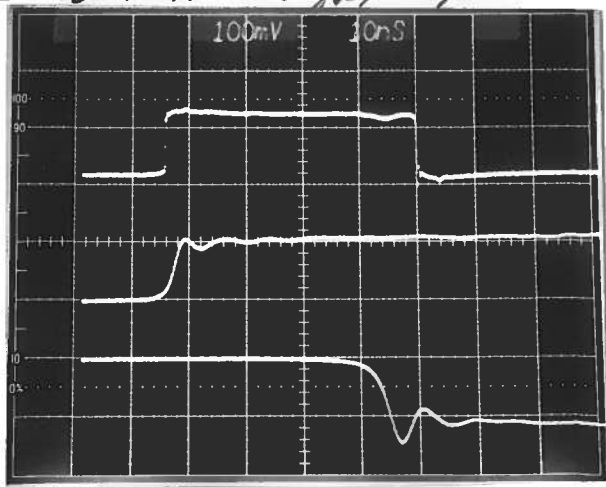
b) Pulse Width(FWHM):

← 6

c) Rise Time (20%-80%):

d) Fall Time (80%-20%):

- ④ OUT A 1 NS/DIV, PW MAX
- ⑤ OUT A 200ps/DIV, RISE TIME
- ⑥ OUT A 200ps/DIV, PW MIN



← 7

f) Jitter, Stability:

← 8

g) Prime Power:

← 9

- ⑦ OUT B, 10 NS/DIV
  - ⑧ OUT B, 500ps/DIV, RISE TIME
  - ⑨ OUT B, 500ps/DIV, FALL TIME
- LOAD = 100 K OHM