



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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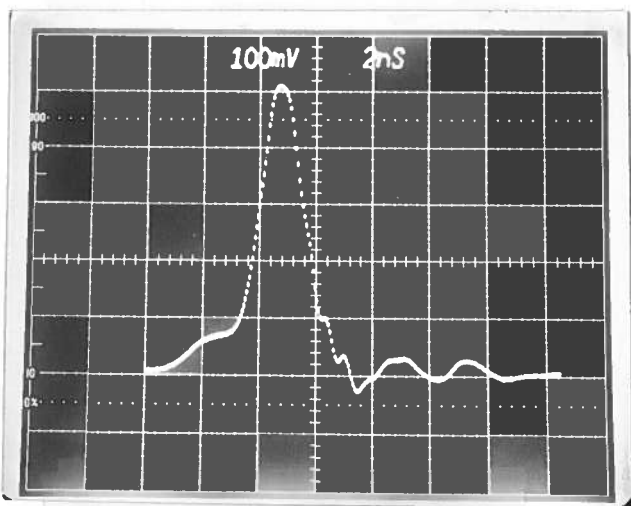
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4
TEL: (613) 226-5772
FAX: (613) 226-2802

PERFORMANCE CHECKSHEET

Model: *AVG-3B-P-05-NAVB*

S.N.: *11067*

Date: *JAN 11 2005*



a) Output Signal Amplitude:
*+300 TO +420 V TO
50Ω // 20pfd*

b) Pulse Width(FWHM):
≤ 2.5 NS

c) Rise Time (20%-80%):
≤ 1.25 NS

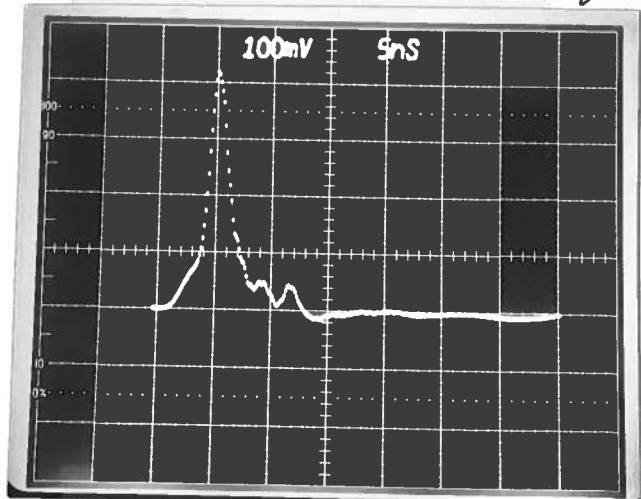
d) Fall Time (80%-20%):
≤ 1.25 NS

e) PRF:
0 TO 10 KHZ

f) Jitter, Stability:
OK

g) Prime Power:
*+24 VDC, 300 mA
-5.0 VDC, 450 mA.*

① *R_L = 50Ω, C_L = 0pfd*



② *R_L = 50Ω, C_L = 20pfd*

*2" DELAY LINE BETWEEN
PG OUT + C_L.*



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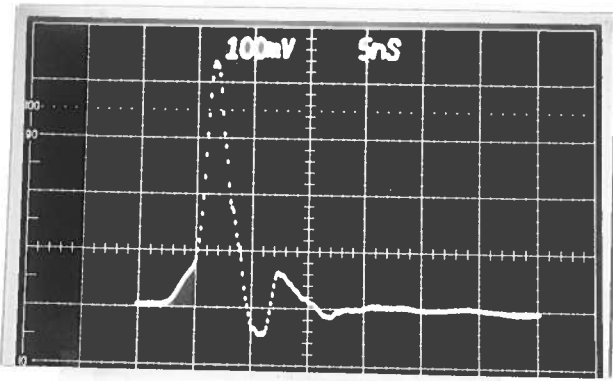
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PERFORMANCE CHECKSHEET

Model:

S.N.: 11067 cont.



a) Output Signal Amplitude:

b) Pulse Width(FWHM):

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

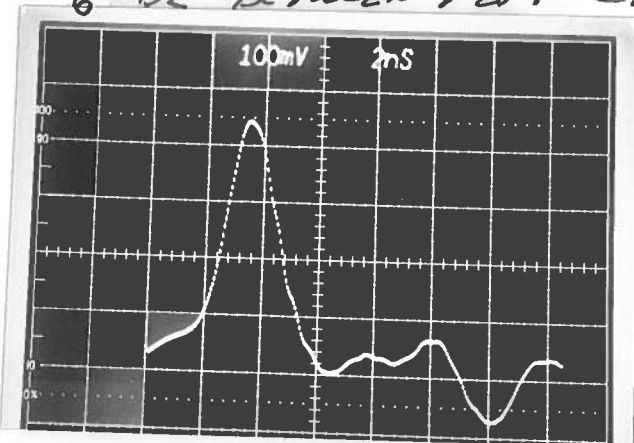
d) Fall Time (80%-20%):

e) PRF:

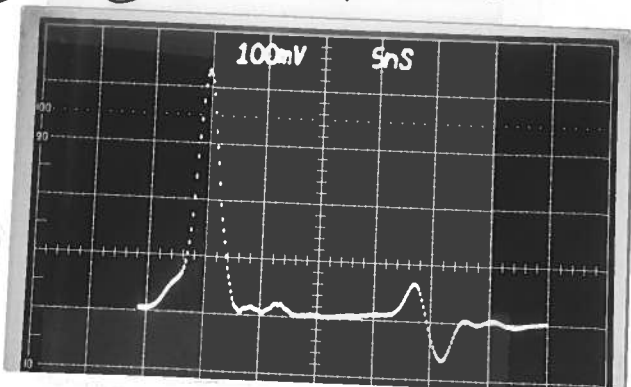
f) Jitter, Stability:

g) Prime Power:

③ $R_L = 50\Omega$, $C_L = 20pF$
6" DL BETWEEN PL + CL



④ AS ③ BUT 24" DDL LINE



⑤ AS ③ BUT 72" DDL LINE

ALL WAVEFORMS
60dB ATTN
- - 100V/DIV