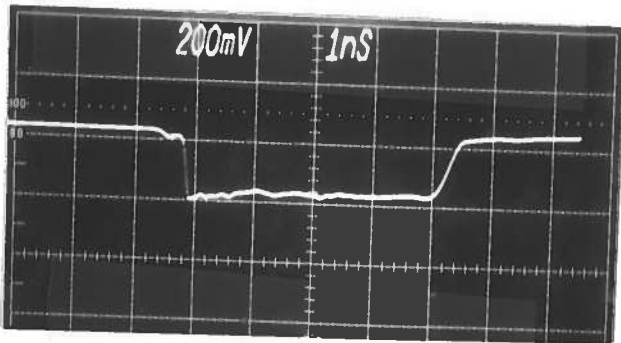


PULSE GENERATOR
PERFORMANCE CHECK

Model: *MP-25-C-N*

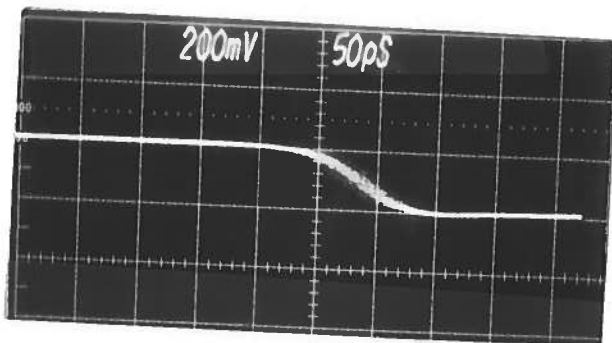
S.N.: *5838*

Date: *APRIL 11 1991*



- a) Output signal amplitude:
0 TO -200mV
- b) Pulse width:
0.2 TO 4.0 ns
- c) Rise time:
≤ 40 ps
- d) Fall time:
≤ 135 ps
- e) PRF:
0 TO 1.0 MHz
- f) Jitter, stability:
OK
- g) Prime power:
120/240 V
50-60 Hz

Ⓐ *20dB ATTN*
2 V/DIV
PRF = 700 KH



Ⓑ *AS Ⓐ BUT 50 ps/DIV*
(RISE TIME)

$$T_{RT} = 50 \text{ ps (20-90\%)} = \sqrt{T_{RTS}^2 + T_{RSCOPE}^2 + T_{RATTN}^2}$$

$$T_{RSCOPE} = 25 \text{ ps}$$

16 GHz ATTN + CAPACES

∴ core $T_{RTS} \leq 40 \text{ ps}$.

[Signature]