Radio Manufacturers Association
Engineering Department

Type 1P33*

(Gas Filled Phototube;
2 Electrodes)

Release No. 397
February 10, 1945
sponsored by
Continental Electric Co.

General Characteristics

Electrical
Spectral Response
Luminous Sensitivity at 95 volts, 0 cycles
Max. Gas amplification
Inter electrode Capacitances
Maximum dark current at 95 volts
Wavelength of maximum response
Sensitivity at maximum response

Sl
Nom. 75 ua/Lumen
(Min. 55 ua/Lumen)
10
1.5 - 6.5 uuf
0.1 ua
Approx. 8000 A
0.007 ua/uwatt

Mechanical
Window Dimensions (Min. Useful)
Seated Height to Center of Useful Cathode Area
Maximum Overall Height
Maximum Seated Height
Maximum Diameter
Base
Permissible Mounting Position
Base Connections

1.47 x 0.97
2.9" Approx.
5.125"
4.500"
2.375"
Med. 4-Pin
Any
2X

Maximum Ratings (absolute)
Anode Voltage (DC or Peak AC)
Cathode Current Density
Average Cathode Current based on 0.2 sq. in. of sensitive cathode area
Ambient Temperature

95 volts
100 ua/sq.in.
20 ua
1000°C

*(CE-26D; WE-6A)
RMA TYPE 1P33

G18 1/2 BULB

CATHODE

A4-9 MEDIUM 4-PIN

NC

ANODE

CATHODE

NC