



**RADIO MANUFACTURERS ASSOCIATION
ENGINEERING DEPARTMENT**

TYPE 1P34*

(Gas Filled Phototube)
(2 Electrodes)

Release No. 397

February 10, 1945
sponsored by
Continental Electric Co.

GENERAL CHARACTERISTICS

Electrical

Spectral Response	SI
Luminous Sensitivity at 90 volts, 0 cycles	Nom. 200 ua/Lumen (Min. 150 ua/Lumen)
Max. gas amplification	10.0
Interelectrode Capacitance	2 - 6 uuf
Maximum dark current at 90 volts	0.1
Wave-Length of maximum response	8500 A Approx.
Sensitivity at maximum response	0.013 ua/uwatt

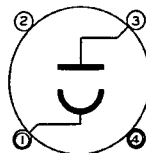
Mechanical

Window Dimensions (Min. useful)	1 x 1.375
Seated Height to Center of Useful Cathode Area	2.406 in.
Maximum Overall Height	4.250 in.
Maximum Seated Height	3.500 in.
Maximum Diameter	1.188 in.
Bulb	T-9
Base	Small 4-Pin
Permissible Mounting Position	Any
Base Connection	2G

Maximum Ratings (Absolute)

Anode Voltage (DC or Peak AC)	90 volts
Cathode Current density	100 ua/sq.in.
Average Cathode Current based on 0.2 sq. in. of sensitive cathode area	20 ua
Ambient Temperature	100°C

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*(CE-48)



RMA TYPE IP 34

