



RADIO MANUFACTURERS ASSOCIATION
ENGINEERING DEPARTMENT

TYPE 1P32*

Release No. 397

February 10, 1945

sponsored by
Continental Electric Co.

(Gas Filled Phototube;
2 Electrodes)

GENERAL CHARACTERISTICS

Electrical

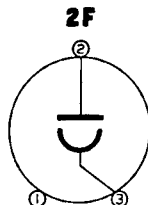
Spectral Response	S1
Luminous Sensitivity at 90 Volts, 0 cycles	Nom 125 ua/Lumen (Min 95 ua/Lumen)
Max. gas amplification	12.0
Interelectrode Capacitances	1.1 - 4.0 uuf
Maximum dark current at 90 volts	0.1 ua
Wavelength of maximum response	8000 A Approx.
Sensitivity at maximum response	.01 ua/uwatt

Mechanical

Window Dimensions (Min. Useful)	.688" x .438"
Seated Height to Center of Useful Cathode Area	1.406 in.
Maximum Overall Height	2.438 in.
Maximum Seated Height	1.938 in.
Maximum Diameter	0.669 in.
Base	PeeWee 3 Pin
Permissible Mounting Position	Any
Base Connections	2F

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	2 ua
Ambient Temperature	100°C



*(CE-25C; 51A)



RMA TYPE 1P 32

