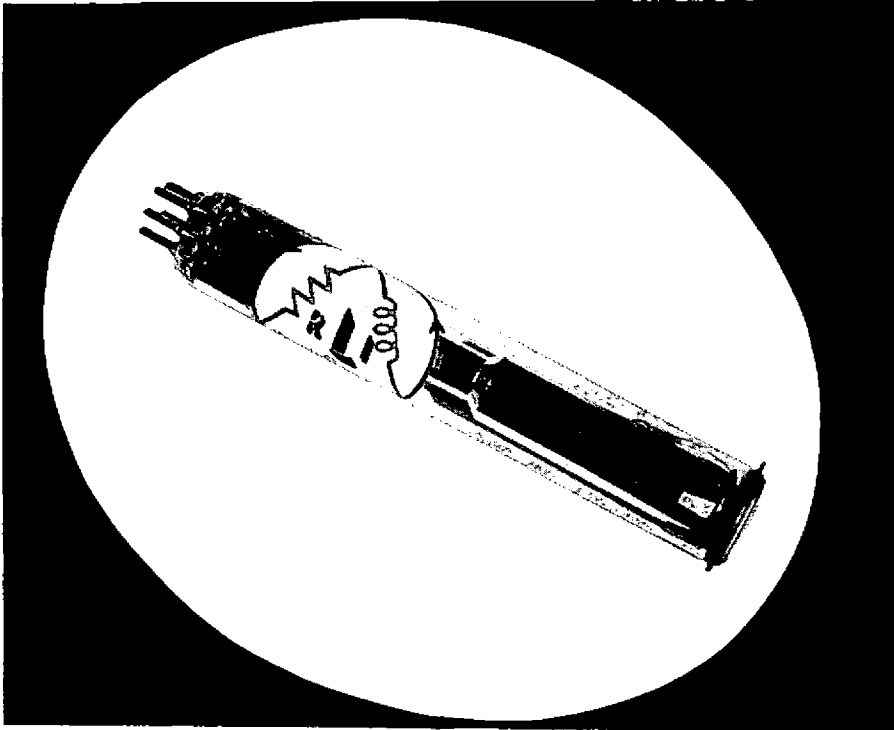


RESITRON
6912



Tube Photographed Actual Size

MINIATURE CAMERA TUBE

The Resitron 6912 is a miniature photoconductive camera tube ideally suited for television broadcast, industrial television, aircraft and military applications where portability, size and weight considerations are important.

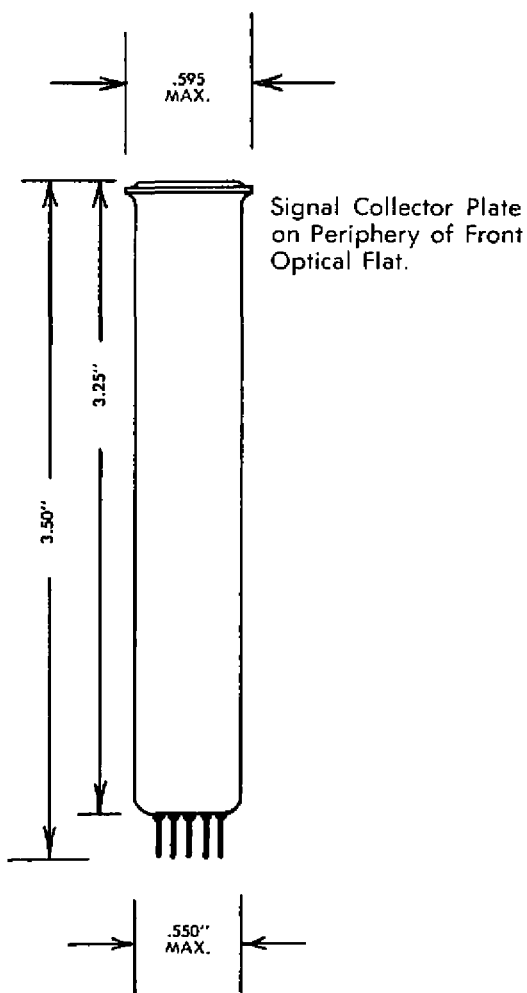
RESITRON LABORATORIES, Inc.

2908 NEBRASKA AVENUE



SANTA MONICA, CALIFORNIA

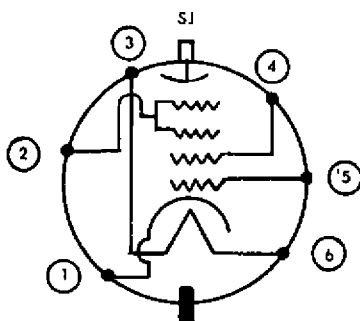
TUBE DIMENSIONS



6912 OPERATING CHARACTERISTICS

Heater Voltage:	6.3 Volts, A.C.
Heater Current:	.6 Ampere
Heating Time:	60 Seconds
Interelectrode Capacitance: Signal Electrode to all other Electrodes:	5uuf
Spectral Response:	Closely approximates that of the human eye.
Method of Focus:	Magnetic
Method of Deflection:	Magnetic
Scanned Target Area:	6mm x 8mm, Maximum
Signal Electrode Voltage:	10 to 90 Volts (For Dark Current of .02 Microampere)
G3 and G4, Beam Focus:	200 to 320 Volts
G2 Voltage:	250 to 300 Volts
G1 Voltage for Picture Cut-off:	28 to 90 Volts
Field Strength at Center of Focus Coil:	Approximately 30 Gauss
Maximum Face Plate Operating Temperature:	70° Centigrade

BASE CONNECTIONS Bottom View



- Pin No. 1 — Cathode
- Pin No. 2 — Grids No. 3 & 4
- Pin No. 3 — Heater
- Pin No. 4 — Grid No. 2
- Pin No. 5 — Grid No. 1
- Pin No. 6 — Heater
- SJ — Signal Electrode — Front of Tube