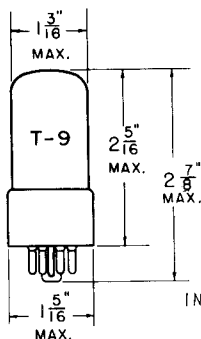


TUNG-SOL

ELECTRON-RAY TUBE

TWIN INDICATOR TYPE



COATED UNIPOTENTIAL CATHODE

HEATER

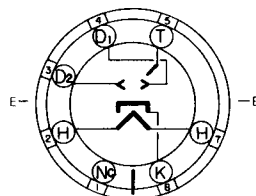
6.3 VOLTS

0.15 AMPERE

AC OR DC

GLASS BULB

INTERMEDIATE SHELL OCTAL 7-PIN BASE

MOUNTING POSITION - ANY ^A

BOTTOM VIEW

THE 6AD6G IS A TUNING INDICATOR WITH A CIRCULAR FLUORESCENT SCREEN WITH TWO INDEPENDENT INDICATING SHADOW ANGLES. EACH SHADOW ANGLE IS CONTROLLED BY A RAY-CONTROL ELECTRODE. WHEN THE TUBE IS USED AS A TUNING INDICATOR, ITS RAY-CONTROL ELECTRODES MAY BE CONNECTED IN PARALLEL TO PRODUCE TWO IDENTICAL SHADOWS, OR EACH RAY-CONTROL ELECTRODE MAY BE SUPPLIED WITH A SEPARATE CONTROLLING VOLTAGE FROM A 6AE6G TUBE.

RATINGS

INDICATOR SERVICE

INTERPRETED ACCORDING TO RMA STANDARD WB-210

MAXIMUM TARGET VOLTAGE	150	VOLTS
MINIMUM TARGET VOLTAGE	100	VOLTS
MAXIMUM RAY-CONTROL ELECTRODE SUPPLY VOLTAGE	150	VOLTS
MAXIMUM HEATER-CATHODE POTENTIAL	100	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

TUNING INDICATOR

TARGET VOLTAGE	100	150	VOLTS
TARGET CURRENT (APPROX.) ^B	1.5	3.0	MA.
TARGET CURRENT (APPROX.) ^C	1.0	2.0	MA.
TARGET CURRENT (APPROX.) ^D	0.8	1.2	MA.
RAY-CONTROL ELECTRODE VOLTAGE ^B	45	75 APPROX.	VOLTS
RAY-CONTROL ELECTRODE VOLTAGE ^C	0	8.0 APPROX.	VOLTS
RAY-CONTROL ELECTRODE VOLTAGE ^D	-23	-50 APPROX.	VOLTS

^A THE PLANE OF THE RAY-CONTROL ELECTRODES PASSES THROUGH THE LINE E-E ON THE SOCKET CONNECTION DIAGRAM.

^B FOR SHADOW ANGLE OF 0° PRODUCED BY EITHER RAY-CONTROL ELECTRODE.

^C FOR SHADOW ANGLE OF 90° PRODUCED BY EITHER RAY-CONTROL ELECTRODE.

^D FOR SHADOW ANGLE OF 135° PRODUCED BY EITHER RAY-CONTROL ELECTRODE.

6AD6G

