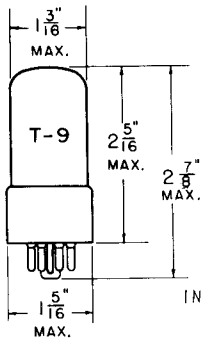
TUNG-SOL



ELECTRON-RAY TUBE

TWIN INDICATOR TYPE

COATED UNIPOTENTIAL CATHODE

HEATER

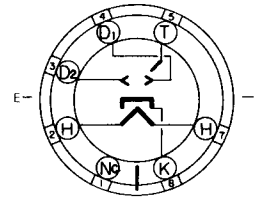
6.3 VOLTS 0.15 AMPERE

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 M8-210

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.

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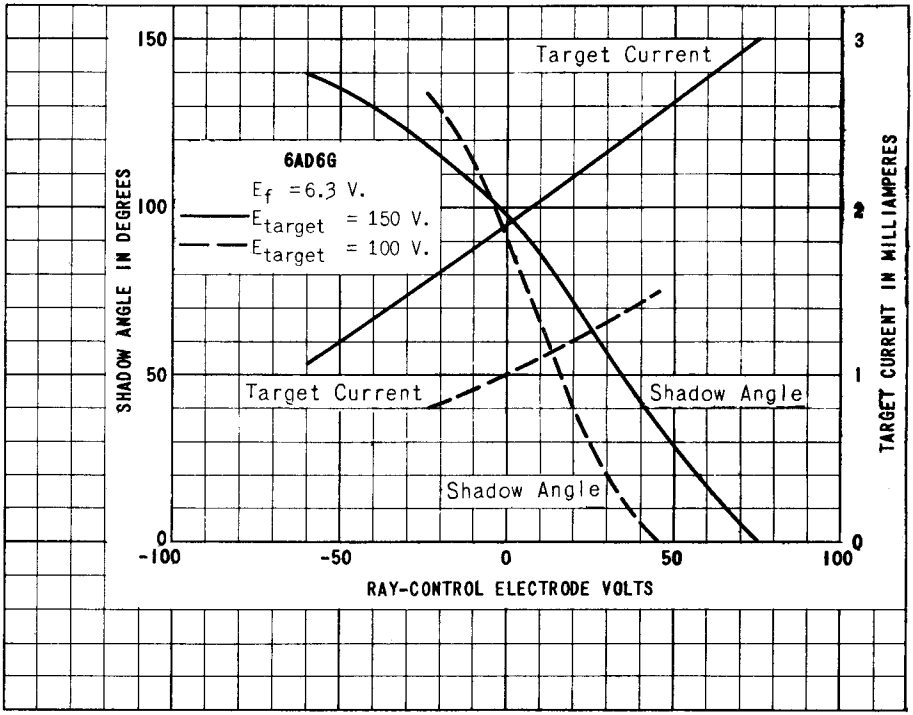
6AD6G



CIRCUIT FOR OPERATING A TYPE 6AD6G ON BOTH WEAK AND STRONG SIGNALS

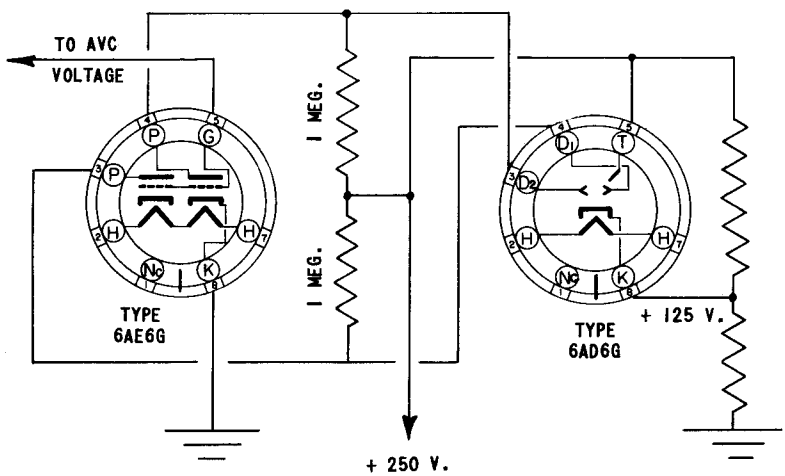


PLATE 1514

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