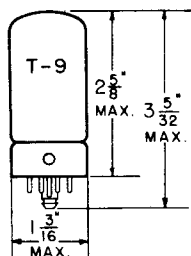


TUNG-SOL

DOUBLE DIODE



GLASS BULB

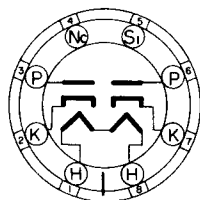
COATED UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 1.2 AMP.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

LOCK-IN
8 PIN BASE

7AJ

THE 7X6 IS A HEATER-CATHODE TYPE HIGH-VACUUM TWIN DIODE USING THE LOCK-IN CONSTRUCTION. IT IS INTENDED FOR POWER RECTIFIER SERVICE IN TRANSFORMERLESS RADIO OR TELEVISION RECEIVER DESIGNS.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD WB-210

HEATER VOLTAGE	6.3	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	350	VOLTS
MAXIMUM PEAK INVERSE VOLTAGE	700	VOLTS
MAXIMUM STEADY STATE PEAK PLATE CURRENT EACH PLATE	450	MA.
MAXIMUM OUTPUT CURRENT	75	MA.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

HALF-WAVE RECTIFIER - CONDENSER INPUT TO FILTER

HEATER VOLTAGE	6.3	6.3	6.3	VOLTS
HEATER CURRENT	1.2	1.2	1.2	AMP.
PLATE SUPPLY VOLTAGE (RMS)	117	150	235	VOLTS
FILTER INPUT CAPACITANCE	16	16	16	μf
MINIMUM TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE	15	40	100	OHMS
DC OUTPUT CURRENT	75	75	75	MA.
TUBE VOLTAGE DROP (MEASURED WITH TUBE CONDUCTING 150 MA. EACH PLATE)	22	22	22	VOLTS

SIMILAR TYPE REFERENCE: Except for heater ratings, same ratings and characteristics as types 25X5 and 25X60T.