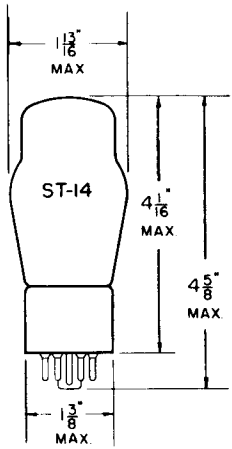
TUNG-SOL

DOUBLE DIODE

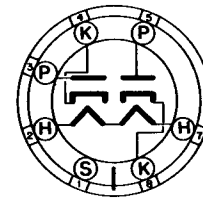


GLASS BULB

COATED UNIPOTENTIAL CATHODE

HEATER
6.3 VOLTS 2.5 AMP.
AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW
MEDIUM SHELL
7 PIN OCTAL
70

THE 6AX6G IS A FULL-WAVE HIGH VACUUM RECTIFIER DESIGNED FOR DAMPER SERVICE IN TELEVISION DEFLECTION CIRCUITS. IT CAN ALSO BE USED IN CONVENTIONAL RECTIFIER APPLICATIONS.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	6.3	VOLTS
HEATER CURRENT	2.5	AMP.
MAXIMUM HEATER-CATHODE VOLTAGE:		
HEATER NEGATIVE WITH RESPECT TO CATHODE	450	VOLTS
HEATER POSITIVE WITH RESPECT TO CATHODE	100	VOLTS
MAXIMUM PEAK INVERSE VOLTAGE (PER PLATE):		
RECTIFIER SERVICE	1250	VOLTS
DAMPER SERVICE[A]	2000	VOLTS
MAXIMUM STEADY STATE PEAK PLATE CURRENT EACH PLATE	600	MA.
MAXIMUM STEADY STATE DC OUTPUT CURRENT EACH PLATE	125	MA.
TUBE VOLTAGE DROP (MEASURED WITH TUBE CONDUCTING 250 MA. EACH PLATE)	21	VOLTS

[A] THE DURATION OF THE VOLTAGE PULSE MUST NOT EXCEED 15% OF ONE SCANNING CYCLE.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

FULL WAVE RECTIFIER – CONDENSER INPUT

AC VOLTAGE EACH PLATE (RMS)	350	VOLTS
DC OUTPUT CURRENT	250	MA.
MINIMUM TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE EACH PLATE[B]	145	OHMS
DC OUTPUT VOLTAGE AT INPUT TO FILTER (APPROX.):		
AT HALF-LOAD CURRENT OF 125 MA.	395	VOLTS
AT FULL-LOAD CURRENT OF 250 MA.	350	VOLTS

[B] WHEN FILTER CAPACITORS LARGER THAN 40 μf ARE USED IT MAY BE NECESSARY TO INCREASE PLATE SUPPLY IMPEDANCE ABOVE THE VALUE SHOWN.

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PLATE 2433
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