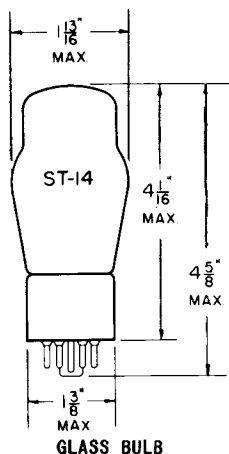


TUNG-SOL

DOUBLE DIODE



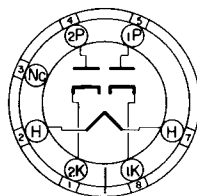
COATED UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 1.6 AMP.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

MEDIUM SHELL
7 PIN OCTAL
6CM

THE 6BY5G 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	1.6	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 (EACH PLATE):		
RECTIFIER SERVICE	1400	VOLTS
DAMPER SERVICE	2500	VOLTS
MAXIMUM STEADY STATE PEAK PLATE CURRENT (EACH PLATE)	525	MA.
MAXIMUM DC OUTPUT CURRENT	175	MA.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

FULL-WAVE RECTIFIER - CONDENSER INPUT

AC PLATE SUPPLY VOLTAGE (EACH PLATE) RMS	375	VOLTS
FILTER INPUT CONDENSER	8	μ f
EFFECTIVE PLATE SUPPLY IMPEDANCE (EACH PLATE)	100	OHMS
DC OUTPUT VOLTAGE	380	VOLTS
DC OUTPUT CURRENT	175	MA.
TUBE VOLTAGE DROP MEASURED WITH TUBE CONDUCTING 175 MA. EACH PLATE	32	VOLTS

- A THE DUTY CYCLE OF THE VOLTAGE PULSE MUST NOT EXCEED 15% OF ONE SCANNING CYCLE AND ITS DURATION MUST BE LIMITED TO 10 MICROSECONDS.