

## TUNG-SOL

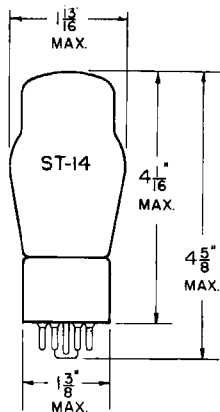
## DOUBLE DIODE

COATED FILAMENT

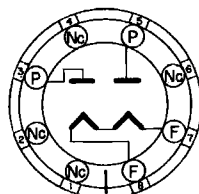
5.0 VOLTS 2.0 AMP.

AC OR DC

## VERTICAL MOUNTING POSITION

5Y4G -- HORIZONTAL OPERATION PERMITTED  
IF PINS #2 AND #7 ARE IN A HORIZONTAL PLANE.

GLASS BULB

BOTTOM VIEW  
MEDIUM SHELL  
8 PIN OCTAL

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THE 5Y4G IS DESIGNED FOR USE AS A POWER RECTIFIER IN AC OPERATED RECEIVERS.

## RATINGS

INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM

FILAMENT VOLTAGE	5.0	VOLTS
MAXIMUM PEAK INVERSE VOLTAGE	1 400	VOLTS
MAXIMUM AC PLATE SUPPLY VOLTAGE EACH PLATE (RMS)	SEE CHART	
MAXIMUM STEADY STATE PEAK PLATE CURRENT EACH PLATE	400	MA.
MAXIMUM TRANSIENT PEAK PLATE CURRENT EACH PLATE	2.2	AMP.
TUBE VOLTAGE DROP (MEASURED WITH TUBE CONDUCTING 125 MA. EACH PLATE)	60	VOLTS
MAXIMUM STEADY STATE DC OUTPUT CURRENT EACH PLATE	SEE CHART	

## TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

FULL-WAVE RECTIFIER

	INPUT TO FILTER CAPACITOR	CHOKE	
FILAMENT VOLTAGE	5.0	5.0	VOLTS
FILAMENT CURRENT	2.0	2.0	AMP.
AC PLATE SUPPLY VOLTAGE EACH PLATE	350	500	VOLTS
INPUT CONDENSER	10	—	$\mu$ f
INPUT CHOKE	—	10	HENRYS
EFFECTIVE PLATE SUPPLY IMPEDANCE EACH PLATE	50	—	OHMS
DC OUTPUT CURRENT	125	125	MA.
DC OUTPUT VOLTAGE	350	390	VOLTS

SIMILAR TYPE REFERENCE: Electrically similar to 5Y3GT and 80.

→ INDICATES A CHANGE

(5Y3GT,80)5Y4G )

RATING CHART  
5Y4G

