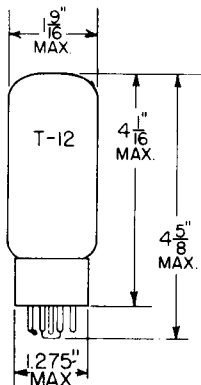


TUNG-SOL

TWIN DIODE

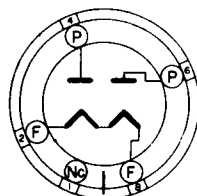


GLASS BULB

COATED FILAMENT
5.0 VOLTS 2.0 AMP.
AC OR DC

VERTICAL MOUNTING POSITION

HORIZONTAL OPERATION PERMITTED IF PINS 1
AND 4 ARE IN A VERTICAL PLANE.



BOTTOM VIEW

SHORT MEDIUM SHELL
5 PIN OCTAL

5T

THE 5Y3GA IS A FILAMENTARY, FULL WAVE, GENERAL PURPOSE RECTIFIER EMPLOYING A T-12 ENVELOPE. ELECTRICALLY, IT IS IDENTICAL TO THE TYPE 5Y3G. EXCEPT FOR BASING, IT IS IDENTICAL TO THE TYPE 5Y4GA.

RATINGS

INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM

FILAMENT VOLTAGE	5.0	VOLTS
MAXIMUM PEAK INVERSE PLATE VOLTAGE	1400	VOLTS
MAXIMUM AC PLATE SUPPLY VOLTAGE EACH PLATE	SEE RATING CHART	
MAXIMUM STEADY STATE PEAK PLATE CURRENT EACH PLATE	400	MA.
MAXIMUM TRANSIENT PEAK PLATE CURRENT EACH PLATE	2.2	AMPERES
MAXIMUM STEADY STATE DC OUTPUT CURRENT EACH PLATE	SEE RATING CHART	
TUBE VOLTAGE DROP (MEASURED WITH TUBE CONDUCTING 125 MA. EACH PLATE)	60	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

FULL WAVE RECTIFIER SERVICE

	CAPACITOR INPUT	CHOK INPUT	
FILAMENT VOLTAGE	5.0	5.0	VOLTS
FILAMENT CURRENT	2.0	2.0	AMPERES
AC PLATE SUPPLY VOLTAGE EACH PLATE (RMS)	350	500	VOLTS
INPUT CAPACITOR	10		μ f
INPUT CHOK		10	HENRYS
EFFECTIVE PLATE SUPPLY IMPEDANCE EACH PLATE	50		OHMS
DC OUTPUT CURRENT	125	125	MA.
DC OUTPUT VOLTAGE	350	390	VOLTS

5Y3GA

