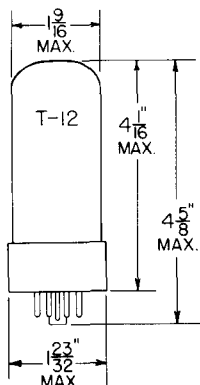


TUNG-SOL

RECTIFIER



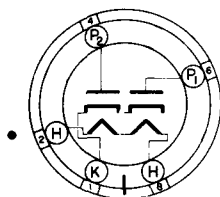
GLASS BULB

COATED UNIPOTENTIAL CATHODE

HEATER

5.0 VOLTS 3.5 AMP.

ANY MOUNTING POSITION



BOTTOM VIEW

SHORT MEDIUM SHELL

5 PIN OCTAL

8KD

THE 5CU4 IS AN INDIRECTLY-HEATED CATHODE TYPE RECTIFIER DESIGNED FOR USE IN TELEVISION RECEIVERS. THE HIGH PERVEANCE OF THE DESIGN PERMITS MAXIMUM DC VOLTAGE OUTPUT..

RATINGS

INTERPRETED ACCORDING TO DESIGN MAXIMUM SYSTEM

HEATER VOLTAGE	5.0	VOLTS
MAXIMUM PEAK INVERSE PLATE VOLTAGE	800	VOLTS
MAXIMUM AC PLATE VOLTAGE PER PLATE	285	VOLTS
MAXIMUM DC OUTPUT CURRENT	425	MA.
MAXIMUM STEADY STATE PEAK PLATE CURRENT	1.3	AMP.
MAXIMUM TRANSIENT PEAK PLATE CURRENT EACH PLATE	6.0	AMP.
TUBE VOLTAGE DROP	SEE CURVE	

TYPICAL OPERATION

FULL WAVE RECTIFIER WITH CAPACITANCE INPUT

HEATER VOLTAGE	5.0	VOLTS
HEATER CURRENT	3.5	AMP.
AC PLATE SUPPLY VOLTAGE EACH PLATE (R.M.S.)	260	VOLTS
INPUT CAPACITANCE	40	μ fd
EFFECTIVE PLATE SUPPLY RESISTANCE (EACH PLATE)	30	OHMS
DC OUTPUT CURRENT	385	MA.
DC OUTPUT VOLTAGE AT FILTER INPUT	300	VOLTS

* IN SERVICE, CATHODE SHOULD BE CONNECTED TO HEATER.

