

JETEC REGISTRATION DATA
TUNG-SOL ELECTRIC INC.

26E6G

THIS TUBE IS SPECIFICALLY INTENDED FOR MILITARY APPLICATIONS. ALL PRODUCTION OF THIS TYPE WILL BE UNDER THE DESIGNATION 26E6WG.

TENTATIVE DATA

BEAM PENTODE

THE **26E6G** IS A BEAM PENTODE POWER AMPLIFIER INTENDED FOR SERVICE WHERE RELATIVE IMMUNITY FROM SHOCK AND VIBRATION IS REQUIRED. IT IS DESIGNED TO WITHSTAND IMPACT SHOCKS AS HIGH AS 600 G. APPLIED IN ANY DIRECTION.

MECHANICAL DATA

COATED UNIPOTENTIAL CATHODE		
OUTLINE DRAWING	BULB	T-11
BASE RETMA 88-46	INTERMEDIATE SHORT SHELL OCTAL	8-PIN
MAXIMUM DIAMETER		1-7/16 IN.
MAXIMUM OVERALL LENGTH		3-1/8 IN.
MAXIMUM SEATED HEIGHT		2-9/16 IN.
PIN CONNECTIONS:	RETMA BASING	7S
PIN 1 - NO CONNECTION	PIN 5 - GRID #1	
PIN 2 - HEATER	PIN 6 - NO CONNECTION	
PIN 3 - PLATE	PIN 7 - HEATER	
PIN 4 - GRID #2	PIN 8 - GRID #3, CATHODE	
MOUNTING POSITION		ANY

ELECTRICAL DATA

HEATER CHARACTERISTICS		
HEATER VOLTAGE (AC OR DC)	26.5 ± 15%	VOLTS
HEATER CURRENT	300	MA.

RATINGS -- INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM

CLASS A AMPLIFIER		
MAXIMUM PLATE VOLTAGE	200	VOLTS
MAXIMUM PLATE DISSIPATION	12.5	WATTS
MAXIMUM GRID #2 DISSIPATION	1.5	WATTS
MAXIMUM GRID #2 VOLTAGE	135	VOLTS
MAXIMUM NEGATIVE GRID #1 VOLTAGE	-100	VOLTS
MAXIMUM POSITIVE GRID #1 VOLTAGE	0	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE (POSITIVE OR NEGATIVE)	300	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

	CLASS A. AMPLIFIER	
HEATER VOLTAGE (AC OR DC)	26.5	VOLTS
HEATER CURRENT	300	MA.
DC PLATE VOLTAGE	200	VOLTS
DC GRID #2 VOLTAGE	135	VOLTS
DC GRID #1 VOLTAGE	-14	VOLTS
PEAK AF SIGNAL VOLTAGE	14	VOLTS
ZERO SIGNAL PLATE CURRENT	61	MA.
ZERO SIGNAL GRID #2 CURRENT	3.0	MA.
MAXIMUM SIGNAL PLATE CURRENT	66	MA.
MAXIMUM SIGNAL GRID #2 CURRENT	9	MA.
PLATE RESISTANCE	18,000	OHMS
TRANSCONDUCTANCE	7,100	μOHMS
EXTERNAL PLATE LOAD RESISTANCE	2,600	OHMS
TOTAL HARMONIC DISTORTION	10%	
POWER OUTPUT	6	WATTS