

## 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

BASE RETMA B8-46

MAXIMUM DIAMETER

MAXIMUM OVERALL LENGTH

MAXIMUM SEATED HEIGHT

PIN CONNECTIONS:

PIN 1 - NO CONNECTION

PIN 2 - HEATER

PIN 3 - PLATE

PIN 4 - GRID #2

MOUNTING POSITION

BULB

INTERMEDIATE SHORT SHELL OCTAL

RETMA BASING

PIN 5 - GRID #1

PIN 6 - NO CONNECTION

PIN 7 - HEATER

PIN 8 - GRID #3, CATHODE

T-11

8-PIN

1-7/16 IN.

3-1/8 IN.

2-9/16 IN.

7S

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