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 26E6G.

TENTATIVE DATA
RCAAM 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 A 600 G. APPLIED IN ANY DIRECTION.

MECHANICAL DATA
COATED UNI-POTENTIAL CATHODE
OUTLINE DRAWING RETMA BB-46
BASE T-11
BULB 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:
PIN 5 - GRID #1
PIN 6 - NO CONNECTION
PIN 7 - HEATER
PIN 8 - GRID #3, CATHODE
RETMA BASING 75
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

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 μHMS
EXTERNAL PLATE LOAD RESISTANCE 2,600 OHMS
TOTAL HARMONIC DISTORTION 10%
POWER OUTPUT 6 WATTS