GENERAL CHARACTERISTICS

Electrical

(a) Filament or Cathode - Indirectly-heated, Oxide-coated Cathode

Voltage 2.5 volts
Current 5.0 amps.
Heating Time (Before applying plate voltage) 60 sec.

Tube Voltage Drop (Specify Eb at maximum average Ib or supply graph)

\[ Eb = 55 \text{ volts at 250 Ma. D.C.} \]
\[ Eb = 45 \text{ " " 200 Ma. D.C.} \]
\[ Eb = 35 \text{ " " 150 Ma. D.C.} \]

Capacitance

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Mechanical

Type of Cooling Convection

(b) Base Description Medium 4-pin, Bayonet, Phenolic
Pin 1 2 3 4 Cap
Element h NC NC h P
K1 K2

(b) Base Connections

(c) Maximum Overall Dimensions

Length - 6.57"
Diameter - 2.44"

Bulb - ST-19

MAXIMUM RATINGS

Rectifier Service

Peak Inverse Voltage

8500 volts 7500 volts 6000 volts

Peak Plate Current

0.6 amp. 0.8 amp. 1.0 amp

Average Plate Current

150 ma. 200 ma. 250 ma.

Sponsor: ELECTRONIC ENTERPRISES, INC., Newark, N. J.

Date: November 13, 1944

By John H. Wyman, Dir. of Eng.

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