

WESTINGHOUSE



ELECTRONIC TUBES

Type 1B34

Series Spark Gap

GENERAL CHARACTERISTICS

Electrical

Frequency Range	<u>120 - 2000 Cycles/Sec.</u>
Instantaneous Breakdown Voltage	
Initial Peak	<u>6.5 Kilovolts</u>
Recurrent Peak	<u>6.0 Kilovolts</u>
Voltage Drop, Measured after .5 Microseconds	<u>80 Volts</u>
Interelectrode Capacitance	<u>6 Micro Microfarads</u>

Mechanical

Ionizable Medium	<u>Gas</u>
Number of Electrodes	<u>2</u>
Mounting Position	<u>Cathode End Up and Within 60° of Vertical</u>
Dimensions	<u>See Outline</u>

MAXIMUM RATINGS

Peak Power Dissipation	<u>25 Kilowatts</u>
Peak Current	<u>120 Amperes</u>
Average Power Dissipation	<u>25 Watts</u>
Average Current	<u>120 Milliamperes</u>
Frequency	<u>2000 Cycles/Second</u>
Ambient Temperature	<u>-50 to +100°C.</u>
Duty Cycle	<u>.001</u>

Bloomfield, New Jersey

December 5, 1945

IB34

