

Manufactured by: The Victoreen Instrument Company
Cleveland, Ohio

Reservation No. _____ Manufacturer's Designation 1B68/VG-13

Reservation Date _____ Data Bureau Designation 1B68

COUNTER TUBE

General Characteristics

Beta gamma
Self quench

Electrical

Geiger Threshold Voltage	Max <u>850</u>	volts d.c.
Plateau Length	Min <u>200</u>	volts
Relative Plateau Slope	Max <u>3.0</u>	% per 100 volts
Operating Voltage	Nom <u>900</u>	volts d.c.
Background at Operating Voltage	Nom <u>35</u>	counts /min
Recovery Time	Nom <u>100</u>	usec
Efficiency	Beta <u>99.8</u>	%
Electrode Capacitance	Static <u>2.2</u>	uuf

Mechanical

See outline drawing
Base Connections $3\frac{1}{8}$ " wire leads 30 mg. per sq. cm.
Thickness 2-5/8 inch
Anode Length

Maximum Ratings

Ambient Temperature Range 0 to 100 °C

IB68

