

ELECTRONIC TUBE REFERENCE

VG104A

Specialized - Radiation Counter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

GEIGERMULLERCOUNTER

Self-quenching beta/gamma Geiger-Müller counter for radiation detection and measurement. Its gas-filled pulse-counting operation is intended for general-purpose beta and gamma monitoring instrumentation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0	GeigerMullerCounter
No fixed ratings recorded.	

Self-quenching beta/gamma counter tube for radiation detection and measurement. The same source also identifies this device as VG104A.

SOURCE OPERATING CONDITIONS

1950 Victoreen

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1950 VICTOREEN

Section 0 · GeigerMullerCounter

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
GeigerThresholdVoltage	1100 V	Max
Operating Voltage	1200 V	Nominal

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PlateauLength	200 V	Minimum
RelativePlateauSlope	5 %/100V	Maximum
Background	205 counts/min	Max

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
ElectrodeCapacitance	2.5 pF	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker