

ELECTRONIC TUBE REFERENCE

HZA1540

Specialized - Radiation Counter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

GEIGERMULLERCOUNTER

Halogen-quenched Siemens Geiger-Müller counter for gamma and neutron radiation. Thermal-neutron measurement uses an external cadmium foil, allowing the detector to distinguish neutron response through converter-assisted operation.

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

SECTION1 GeigerMullerCounter
No fixed ratings recorded.

Halogen-quenched Geiger-Müller counter tube for measuring gamma and neutron radiation; thermal-neutron counting uses an external cadmium foil.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Siemens

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

1963 SIEMENS

Section 1 · GeigerMullerCounter

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Capacitance	2 pF	—
Plateau start	425 V	Maximum
Plateau length	225 V	Minimum
Dead time	60-110 us	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Recommended operating voltage	450 V	—

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