



ELECTRONIC TUBE REFERENCE

6207

Specialized - Radiation Counter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

GEIGERMULLERCOUNTER

End-window argon/halogen Geiger-Müller counter optimized for X-ray diffraction and fluorescence analysis. Its permanent-sensitivity design provides long counting life and reliable detection of X-radiation through a thin entrance window.

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

SECTION 1 GeigerMullerCounter

No fixed ratings recorded.

Cold-cathode Geiger/counter tube. Counter operating, plateau, sensitivity and dead-time data are preserved as parameters; ordinary thermionic promoted fields are not applicable.

End-window argon/halogen Geiger counter optimized for X-ray diffraction and fluorescence analysis, with permanent sensitivity and long counting life.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 Amperex

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

1953 AMPEREX

Section 1 · GeigerMullerCounter

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating voltage	1500 V	—
Maximum counting rate	1100 counts/s	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plateau length minimum	400 V	—
Starting voltage	1300–1400 V	—
Dead time approximate	150 us	—
Gas filling	Argon plus halogen admixture	—

TUBE TINKER

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and their source documents.

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