



ELECTRONIC TUBE REFERENCE

230N

Specialized - Radiation Counter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

GEIGERMULLERCOUNTER

Permanent-sensitivity Geiger-Müller counter for alpha and beta radiation. Its windowed detector construction provides pulse-counting response to charged-particle radiation for laboratory and survey measurements.

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.

Small end-window neon/halogen Geiger counter for medical-isotope work, with low background count and low-voltage operation.

SOURCE OPERATING CONDITIONS

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	850 V	—
Starting voltage maximum	775 V	—
Maximum counting rate	1700 counts/s	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plateau length minimum	150 V	—
Dead time approximate	100 us	—
Gas filling	Neon plus halogen admixture	—