



ELECTRONIC TUBE REFERENCE

6210

Specialized - Radiation Counter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

GEIGERMULLERCOUNTER

Argon/halogen Geiger-Müller counter with a long sensitive volume and thin entrance window. Designed for high efficiency with soft X-rays, it combines permanent sensitivity with short dead time for X-ray measurement applications.

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.

Argon/halogen Geiger counter with long sensitive volume and thin window for high soft-X-ray efficiency and short dead time.

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	1200 V	—
Starting voltage maximum	1100 V	—
Maximum counting rate	1700 counts/s	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plateau length minimum	200 V	—
Dead time approximate	100 us	—
Gas filling	Argon plus halogen admixture	—