

ELECTRONIC TUBE REFERENCE

75NB37

Specialized - Radiation Counter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

GEIGERMULLERCOUNTER

Neon-filled gamma radiation counter intended for radiation survey and monitoring service. Manufacturer data provide its operating and counting characteristics for detecting penetrating gamma radiation in instrumentation 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

SECTION1 GeigerMullerCounter
No fixed ratings recorded.
Published ratings and operating data reviewed.

75NB37 is listed in the supplied Amperex material as a neon-filled gamma radiation counter. Published ratings and operating data were captured from the supplied table.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Amperex Industrial

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

1958 AMPEREX INDUSTRIAL

Section 1 · GeigerMullerCounter

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating voltage	700 V DC	Published Amperex table
Plateau length	125 V	Published Amperex table
Plateau slope	15 % per 100 V	Published Amperex table
Dead time	100 us	Published Amperex table
Background	50 counts/min	Published Amperex table

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