

ELECTRONIC TUBE REFERENCE

CK1026

Specialized - Radiation Counter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

GEIGERMULLERCOUNTER

Heavy-wall halogen-quenched Raytheon Geiger counter designed primarily for gamma-radiation detection. Its heavier wall suppresses less-penetrating radiation while the halogen fill provides self-quenching pulse operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	0 V / 0 mA	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 GeigerMullerCounter	
STARTING VOLTAGE	750 V
Halogen-quenched Geiger counter discharge system; radiation-counting characteristics retained as parameters.	

Heavy-wall halogen-quenched Geiger counter tube for gamma-radiation detection.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · GeigerMullerCounter

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating Voltage	900 V	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
BackgroundMaximum	100 counts/min	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	GammaCounter text	—

TUBE TINKER

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