

ELECTRONIC TUBE REFERENCE

CK1020

Specialized - Radiation Counter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

GEIGERMULLERCOUNTER

Thin-wall organic self-quenching Raytheon Geiger counter for beta and gamma detection. Its thin cathode wall improves beta sensitivity while the self-quenching fill supports discrete radiation-counting pulses.

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
<p>No fixed ratings recorded.</p> <p>Geiger counter discharge system for beta/gamma detection; counting-voltage and rate data retained as parameters.</p>

Thin-wall organic self-quenching Geiger counter tube for beta and 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	—
CountingRateMaximum	12000 counts/min	—

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	BetaGammaCounter text	—

TUBE TINKER

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and their source documents.

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