

ELECTRONIC TUBE REFERENCE

7087A

Specialized - Radiation Counter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PROPORTIONALCOUNTER

Variant of the 7087 high-sensitivity multielement BF3 proportional neutron counter. It is electrically identical to the standard type but supplied with a 25-foot cable for installations requiring greater detector-to-instrument separation.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 ProportionalCounter
No fixed ratings recorded.
Radiation/neutron detector section; source operating-voltage and sensitivity data retained as parameters.

Variant of the 7087 BF3 proportional neutron counter, identical electrically except for a 25-foot cable.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Westinghouse

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

1947 WESTINGHOUSE

Section 1 · ProportionalCounter

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating Voltage	2000 V	—
Sensitivity	40 counts/neutron/cm2	—
IntegralCableLength	25 ft	—