ELECTRONIC TUBE REFERENCE

1B80

Specialized - Radiation Counter electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
GEIGERMULLERCOUNTER

Gas-filled Geiger-Müller radiation counter for pulse-counting detection. The available manufacturer source supports the general counter function but does not establish a narrower radiation sensitivity.

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.

Counter-tube source does not publish ordinary active-electrode promoted fields; counter performance is retained in parameters.

Gas-filled radiation counter tube with quenching admixture and published plateau and dead-time characteristics.

SOURCE OPERATING CONDITIONS

1953 Amperex

SOURCE PDF

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

1953 AMPEREX

Section 1 · GeigerMullerCounter

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating voltage	**450 V**	—
Plateau minimum	**100 V**	—
Dead time approximate	**200 us**	—

Tube Tinker
An independent reference for electronic tubes, vacuum tubes, and their source documents.

Catalog Tube types Full books Blog Feedback & corrections

© 2026 Tube Tinker