



ELECTRONIC TUBE REFERENCE

V230A1K

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Indirectly heated velocity-modulated microwave oscillator designed for coaxial or resonator service over its manufacturer-specified frequency range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Klystron	
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM CATHODE CURRENT	65 mA
<i>Special-valve ratings and characteristics retained as parameters where applicable.</i>	

V230A1K is an indirectly heated velocity-modulated microwave oscillator for coaxial/resonator service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Standard Valves

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

1947 STANDARD VALVES

Section 1 · Klystron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Mean input power excluding heater	15 W	—
Resonator voltage at 9.1 cm	250 V	—
Minimum output power at band ends	0.3 W	8.9-11cm
Output power at mid-band	0.4 W	8-16cm
Magnetic field	1200 Oe	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
CW wavelength minimum	8.9 cm	PrimaryBand
CW wavelength maximum	11 cm	PrimaryBand
Extended wavelength minimum	8 cm	OctaveBand
Extended wavelength maximum	16 cm	OctaveBand

TUBE TINKER

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