



ELECTRONIC TUBE REFERENCE

V246AIK

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*No fixed ratings recorded.**Velocity-modulated coaxial-line oscillator.*

SOURCE OPERATING CONDITIONS

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
Maximum mean input power	15 W	—
Maximum peak cathode current	500 mA	—
CW output power	0.5 W	6.45 cm; not less than
Pulse output power	20 W	Less than 10% duty cycle
Magnetic field	1200 oersted	Approximate