



ELECTRONIC TUBE REFERENCE

2K33

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Mechanically tunable velocity-modulation klystron designed for microwave amplifier and oscillator service over its specified frequency range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	8.3 V / 680 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Klystron	
MAXIMUM PLATE DISSIPATION	20 W
<i>Published ratings and characteristics promoted where clearly stated.</i>	

Velocity-modulation microwave amplifier/oscillator tube with variable frequency near 1.25 GHz.

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 · Klystron

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	8.3 V	Published nominal value
Heater or filament current	680 mA	Published nominal value
Frequency range	1150–1350 MHz	Published operating or tuning range

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RF power output	0.02 W	Published operating condition
Maximum anode dissipation	20 W	Published rating

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