



ELECTRONIC TUBE REFERENCE

6236

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Reflex velocity-variation klystron for continuous-wave or pulsed operation from approximately 3.8–7.6 GHz, suited to signal-generator and local-oscillator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 580 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Klystron	
MAXIMUM PLATE DISSIPATION	25.5 W
<i>Published ratings and characteristics promoted where clearly stated; identical repeated sections compressed where applicable.</i>	

Reflex velocity-variation oscillator for CW or pulsed operation from 3.8 to 7.6 GHz, suited to signal generators and local oscillators.

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	6.3 V	Published nominal value
Heater or filament current	580 mA	Published nominal or representative value
Frequency range	3800–7600 MHz	Published operating or tuning range

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate dissipation	25.5 W	Published maximum rating
RF power output	0.125 W	Published or source-summary output
Resonator voltage	1000 V	CW operation
Resonator current	20 mA	CW operation

TUBE TINKER

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and their source documents.

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