



ELECTRONIC TUBE REFERENCE

HKR602

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

KLYSTRON

Reflex klystron oscillator covering approximately 1.6–6.5 GHz with frequency- and pulse-modulation capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 650 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Klystron	
MAXIMUM PLATE VOLTAGE	350 V
MAXIMUM CATHODE CURRENT	35 mA
Reflex-klystron electron-beam resonator system; microwave frequency and resonator limits captured as parameters.	

Reflex klystron oscillator for approximately 1.6 to 6.5 GHz with frequency and pulse modulation capability.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Klystron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	650 mA	Nominal
MaximumResonatorVoltage	350 V	—
MaximumResonatorCurrent	35 mA	—
PulseRepetitionFrequencyMinimum	40 Hz	—
PulseRepetitionFrequencyMaximum	4000 Hz	—
MaximumPulseDuration	0.5 us	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FrequencyRange	1.6–6.5 GHz	Published operating range

TUBE TINKER

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and their source documents.

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