



ELECTRONIC TUBE REFERENCE

HKR903

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Mechanically tunable reflex klystron with linear tuning characteristic for precision oscillator service over approximately 9.0-9.275 GHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1.2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Klystron	
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM CATHODE CURRENT	55 mA
<i>Reflex-klystron electron-beam resonator system; microwave frequency and resonator limits captured as parameters.</i>	

Mechanically tunable reflex klystron with linear tuning characteristic for 9.0 to 9.275 GHz precision oscillator service.

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	1.2 A	Nominal
MaximumResonatorVoltage	330 V	—
MaximumResonatorCurrent	55 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FrequencyRange	9–9.275 GHz	Published operating range
OutputPowerMinimum	0.05 W	—