



ELECTRONIC TUBE REFERENCE

HKR901

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

KLYSTRON

Reflex klystron oscillator covering approximately 8.7–9.55 GHz, suitable for frequency-modulated microwave test-generator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 550 mA	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	37 mA
Reflex-klystron electron-beam resonator system; microwave frequency and resonator limits captured as parameters.	

Reflex klystron oscillator for approximately 8.7 to 9.55 GHz, suitable for frequency-modulated test-generator 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	550 mA	Nominal
MaximumResonatorVoltage	330 V	—
MaximumResonatorCurrent	37 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FrequencyRange	8.7–9.55 GHz	Published operating range
OutputPower	0.02 W	Typical