



ELECTRONIC TUBE REFERENCE

K71A1

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Russian reflex klystron microwave oscillator, nominal frequency 39525 MHz and RF output 5 mW.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 0 Klystron

No fixed ratings recorded.

Reflex klystron; Cathode Type: Oxide, Indirect Heating; Envelope: metal, 5.2x2.6mm waveguide output, slow mechanical tuning; Mass: 300g; Cooling Method: Forced Air; Frequency Band: 39525MHz; Frequency Band Minimum: 36100MHz; Frequency Band Maximum: 42950MHz; Output Power: 5mW; Tuning Transconductance, Mhz/Ma: 16; Filament Voltage, V: 6.3; Filament Current, A: 1; Resonator Voltage, V: 2000; Reflector Negative Voltage, V: 225; Reflector Negative Voltage, V Minimum: 50; Reflector Negative Voltage, V Maximum: 400

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