ELECTRONIC TUBE REFERENCE

K70B1

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
KLYSTRON

Russian reflex klystron microwave oscillator, nominal frequency 45825 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

SECTION0 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: 45825MHz: Frequency Band Minimum: 42850MHz: Frequency Band Maximum: 48800MHz: 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

Tube Tinker

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