



ELECTRONIC TUBE REFERENCE

K76

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Russian reflex klystron microwave oscillator, nominal frequency 5646MHz, RF output 15mW/5167MHz 20mW/5449MHz 45mW/6116MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1.1 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, 35x15mm waveguide output, slow mechanical tuning, screened: Mass: 300g: Cooling Method: Forced Air: Frequency Band: 5646MHz: Frequency Band Minimum: 5176MHz: Frequency Band Maximum: 6116MHz: Output Power: 15mW/5167MHz 20mW/5449MHz 45mW/6116MHz: Tuning Transconductance, Mhz/Ma: 2: Tuning Range, Mhz: 20: Filament Voltage, V: 6.3: Filament Current, A: 1.1: Filament Current, A Minimum: 0.8: Filament Current, A Maximum: 1.3: Resonator Voltage, V: 300: Reflector Negative Voltage, V: 192.5: Reflector Negative Voltage, V Minimum: 100: Reflector Negative Voltage, V Maximum: 285

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