



ELECTRONIC TUBE REFERENCE

K60

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Russian reflex klystron microwave oscillator, nominal frequency 9375 MHz and RF output 30 mW.

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-ceramic, 23x10mm waveguide output, mechanical tuning; Mass: 200g; Cooling Method: Forced Air; Frequency Band: 9375MHz; Frequency Band Minimum: 9175MHz; Frequency Band Maximum: 9575MHz; Output Power: 30mW; Tuning Transconductance, Mhz/Ma: 1.8; Tuning Transconductance, Mhz/Ma Minimum: 0.7; Tuning Transconductance, Mhz/Ma Maximum: 2.8; Tuning Range, Mhz: 35; 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: 170; Reflector Negative Voltage, V Minimum: 90; Reflector Negative Voltage, V Maximum: 250