



## ELECTRONIC TUBE REFERENCE

# K671

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

**1 SECTION**

CONSTRUCTION

**KLYSTRON**

Russian reflex klystron microwave oscillator, nominal frequency 66800 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, 3.6x1.8mm waveguide output, slow mechanical tuning; Mass: 300g; Cooling Method: Forced Air; Frequency Band: 66800MHz; Frequency Band Minimum: 63800MHz; Frequency Band Maximum: 69800MHz; Output Power: 5mW; Tuning Transconductance, Mhz/Ma: 16; Filament Voltage, V: 6.3; Filament Current, A: 1; Resonator Voltage, V: 2400; Reflector Negative Voltage, V: 225; Reflector Negative Voltage, V Minimum: 50; Reflector Negative Voltage, V Maximum: 400*

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