



ELECTRONIC TUBE REFERENCE

6974

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

KLYSTRON

Tunable reflex klystron designed for microwave oscillator service, with manufacturer-published frequency range and RF output characteristics.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 800 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Klystron	
MAXIMUM PLATE VOLTAGE	825 V
MAXIMUM CATHODE CURRENT	110 mA
Published source ratings/characteristics promoted where applicable; identical repeated sections compressed.	

Temperature-compensated reflex klystron for 4600-5000 MHz operation, with integral cavity, wide tuning range, remote-tuning capability, and more than one watt output.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1950 SYLVANIA

Section 1 · Klystron

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	825 V	—
Maximum Cathode Current	110 mA	—
Typical Resonator Voltage	800 V	—
Power Output	1 W	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Electronic Tuning Range	25 MHz	—

TUBE TINKER

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and their source documents.

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