

ELECTRONIC TUBE REFERENCE

6468

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	8
NOMINAL HEATER	6.3 V / 800 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Klystron
No fixed ratings recorded.
Representative electrical section; promoted values mapped from published ratings/characteristics where applicable.

Integral-cavity waveguide-output klystron covering approximately 6125 to 6425 MHz for microwave oscillator service.

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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency minimum	6125 MHz	Published datasheet value
Frequency maximum	6425 MHz	Published datasheet value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Beam current maximum	80 mA	Published datasheet value
Beam voltage maximum	750 V	Published datasheet value
Typical power output	1 W	OscillatorService