



ELECTRONIC TUBE REFERENCE

6466

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Two-cavity mechanically tuned microwave klystron amplifier designed for CW power-amplifier and related oscillator/synchrodyne service, delivering several watts RF output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Klystron

No fixed ratings recorded.

Representative electrical section; promoted values mapped from published ratings/characteristics where applicable.

Microwave klystron amplifier with two mechanically tuned built-in cavities for CW oscillator, amplifier, or synchrodyne mixer 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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Beam voltage maximum	625 V	Published datasheet value
Beam current maximum	140 mA	Published datasheet value
Beam power input maximum	100 W	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tuning range minimum	6800 MHz	Published datasheet value
Tuning range maximum	7175 MHz	Published datasheet value

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