



ELECTRONIC TUBE REFERENCE

2K29

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

KLYSTRON

Reflex klystron designed for microwave oscillator service, with manufacturer-published tuning range and RF output characteristics.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 440 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Klystron

No fixed ratings recorded.

Published ratings and characteristics promoted where applicable; additional useful values retained as parameters.

2K29: Western Electric/RMA reflex klystron oscillator with published ratings and operating data. The complete approved datasheet was read semantically, including ratings, characteristics and operating information.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

194X Western Electric Random

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

194X WESTERN ELECTRIC RANDOM

Section 1 · Klystron

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	6.3 V	—
Heater/filament current	440 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Resonator voltage	300 V	—
Cathode current	22 mA	—
Repeller voltage range	-20 to -300 V	—