

ELECTRONIC TUBE REFERENCE

X1095

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Factory-preset reflex klystron operating between approximately 5.9 and 6.7 GHz, with about 400 mW output and 100 MHz electronic tuning bandwidth.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 700 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1	Klystron
MAXIMUM CATHODE CURRENT	60 mA

The Eimac X-1095 is a reflex klystron factory preset between 5.9 and 6.7 GHz, with about 400 mW output and 100-MHz electronic tuning bandwidth.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Eimac

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

1962 EIMAC

Section 1 · Klystron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency Range	5900–6700 MHz	—
Power Output	400 mW	typical
Warm-up Time	30 s	—
Electronic Tuning Range	100 MHz	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC Resonator Voltage	1700 V	—
Maximum Negative Repeller Voltage	500 V	—
Typical Resonator Voltage	600 V	—

TUBE TINKER

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