

Preset or trimmable Ku-band reflex klystron covering approximately 12.5-15 GHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1.25 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1

Klystron

No fixed ratings recorded.

Microwave-device ratings have no dedicated promoted voltage/dissipation columns in this schema; applicable maximum cathode current is promoted and specialized published ratings are preserved in TUBE_SECTION_PARAMETER.

Preset/trimmable Ku-band reflex klystron covering 12.5-15 GHz; published sheet provides typical performance rather than a separate absolute-maximum table.

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	12.5–15	—
3 dB Bandwidth	35 MHz	—
Modulation Sensitivity	0.7 MHz/V	—
Temperature Coefficient	100 kHz/C	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Resonator Voltage	400 V	—
Typical Output Power	225 mW	—
Typical Cathode Current	38 mA	—
Typical Repeller Voltage	-300 V	—
Load VSWR Maximum	1.2 ratio	—

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