TECHNICAL INFORMATION



SUBMINIATURE TRIODE

TYPE

CK6121

Excellence in Electronics

The CK6121 is a filament type triode of subminiature construction designed for use as a Class C amplifier or frequency multiplier in the VHF frequency band. The characteristics of this type are optimized for high grid drive conditions typical of frequency multiplier service. The CK6121 is suitable for battery operated, short life special applications at the typical Class C operation conditions indicated below. The filament of the CK6121 should not be operated continuously inasmuch as its 10 hour life rating is chiefly a function of the filament temperature and hours of filament operation. The flexible terminal leads may be soldered or welded directly to the terminals of circuit components without the use of sockets. Standard inline subminiature sockets may be used by cutting the leads to a suitable length.

MECHANICAL DATA

ENVELOPE: T-2X3 Glass

BASE: None (0.016" tinned flexible leads. Length: 1.5" min. Spacing: 0.048" center-to-center)

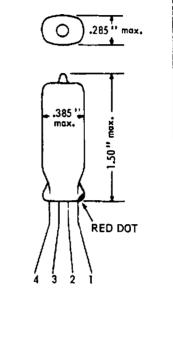
TERMINAL CONNECTIONS: (Red dot is adjacent to Lead 1)

Lead 1 Plate
Lead 2 Filament, negative
Lead 3 Grid
Lead 4 Filament, positive

MOUNTING POSITION: Any

ELECTRICAL DATA

1.4 1.4 1.9	
90 8 0.45 100	volts volts ma.
0.12 135 -5 1600 15 4.0	volts amp. volts volts pmhos ma. volts
DOUBLER:	
0.12 185 0.24	volts amp. volts meg. volts
	1.4 1.9 1.25±20% 185 90 8 0.45 100 1.1 1.25 0.12 135 -5 1600 15 4.0 -10 DOUBLER: 0.24 95



Tentative Data

RAYTHEON MANUFACTURING COMPANY

RECEIVING AND CATHODE RAY TUBE OPERATIONS

DC Plate Current

Plate Input Power

Useful RF Power Output (F= 160 Mc)

7.0 ma.

1.3 watts

0.2 watts.