



ELECTRONIC TUBE REFERENCE

F6068

Power - Triode Single (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Fixed-frequency 1.5 GHz cavity oscillator using a pencil triode in an integral cavity, designed as a rugged low-cost microwave signal generator.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 135 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	6.25 W
MAXIMUM CATHODE CURRENT	20 mA
<i>Published promoted ratings/characteristics retained where readable; additional values are in TUBE_SECTION_PARAMETER.</i>	

Fixed-frequency 1500 MHz cavity oscillator using a pencil triode in an integral cavity, intended as a rugged low-cost microwave signal generator.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Oscillation frequency	1500 MHz	FixedFrequency
Startup frequency drift	1 MHz	LessThan

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RF output power	0.5 W	—