



ELECTRONIC TUBE REFERENCE

6CL8

Voltage - Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TETRODE-TRIODE

Triode-tetrode designed for VHF oscillator and mixer service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 450 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Tetrode	
PLATE RESISTANCE	100000 Ω
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	2.8 W
MAXIMUM SCREEN DISSIPATION	0.5 W
<i>Sharp-cutoff tetrode</i>	

SECTION2 Triode	
PLATE RESISTANCE	5000 Ω
AMPLIFICATION FACTOR	40
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	2.7 W
<i>Medium-mu triode</i>	

VHF oscillator/mixer triode-tetrode. Extracted from the supplied General Electric datasheet description and electrical construction.

TUBE TINKER

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and their source documents.

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