



ELECTRONIC TUBE REFERENCE

QZ0620

Power - Tetrode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Quick-heating Mullard VHF power tetrode for intermittent mobile transmitters, producing useful output to approximately 175 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
MAXIMUM PLATE VOLTAGE	650 V
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	25 W
Quick-heating VHF power amplifier tetrode for intermittent mobile-transmitter service.	

The Mullard QZ0620 is a quick-heating VHF power amplifier tetrode for intermittent mobile-transmitter service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Operating Frequency	175 MHz	—
Maximum Plate Voltage	650 V	f<60MHz
Maximum Plate Voltage	400 V	f=175MHz
Maximum Screen Voltage	200 V	—
Maximum Plate Dissipation	25 W	—
Plate Voltage	600 V	ClassC; 60MHz
Plate Current	150 mA	ClassC; 60MHz
RF Output Power	65 W	ClassC; 60MHz
Plate Voltage	400 V	ClassC; 175MHz
RF Output Power	35 W	ClassC; 175MHz

TUBE TINKER

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and their source documents.

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