



ELECTRONIC TUBE REFERENCE

QV1150A

Power - Tetrode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Forced-air-cooled UHF power tetrode designed for Class-C amplifier or oscillator service. Its cooling and construction support substantial high-frequency output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6 V / 2.6 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
MAXIMUM PLATE VOLTAGE	1250 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	150 W
<i>Forced-air-cooled UHF power tetrode for Class C amplifier or oscillator service.</i>	

The Mullard QV1150A is a forced-air-cooled UHF power tetrode for Class C amplifier or oscillator 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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	6 V	—
Heater/Filament Current	2.6 A	—
Input Capacitance	15.5 pF	—
Output Capacitance	4.5 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Operating Frequency	500 MHz	FullOrSpecifiedRatings
Maximum Plate Voltage	1250 V	—
Maximum Screen Voltage	300 V	—
Maximum Plate Dissipation	150 W	—
Plate-Grid Capacitance Maximum	0.06 pF	—
RF Output Power	140 W	RepresentativePublishedOperatingPoint
Maximum Operating Frequency	500 MHz	—
Plate Voltage	1000 V	ClassC; TelegraphyOrFMTelephony; f<165MHz
Plate Current	200 mA	ClassC; f<165MHz
RF Output Power	140 W	ClassC; f<165MHz

TUBE TINKER

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