

ELECTRONIC TUBE REFERENCE

QQV5P10

Voltage - Dual Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TETRODE-TETRODE

Double tetrode pulse modulator designed for approximately 5 kV and 10 A pulsed service in high-power electronic equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 1.2 A	PARALLEL HEATER	6.3 V / 2.4 A
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
TRANSCONDUCTANCE	0.0085 S
MAXIMUM PLATE DISSIPATION	15 W
Representative of two identical RF-power sections.	

SECTION2 Tetrode	
TRANSCONDUCTANCE	0.0085 S
MAXIMUM PLATE DISSIPATION	15 W
Second identical physical RF-power tetrode section; added to align rows with SectionCount.	

The Mullard QQV5P10 is a double tetrode pulse modulator rated for 5 kV and 10 A pulsed 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 Voltage	6.3 V	—
Heater Current	2.4 A	—
Heater Voltage Series	12.6 V	—
Heater Current Series	1.2 A	—
Heater Voltage Parallel	6.3 V	—
Heater Current Parallel	2.4 A	—
Grid-Cathode Capacitance	14 pF	EachSection
Plate-Cathode Capacitance	7 pF	EachSection
Transconductance	8500 μ S	EachSection; $I_a=60\text{mA}$

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC Plate Voltage	5000 V	TwoSectionsParallel
Maximum Pulse Plate Voltage	5750 V	TwoSectionsParallel
Maximum Plate Dissipation	15 W	—
Pulse Current Rating	10 A	TwoSectionsParallel

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