



ELECTRONIC TUBE REFERENCE

QY5500

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

RF power tetrode designed for amplification, frequency multiplication, and modulation. Its transmitting construction supports versatile professional radio-frequency service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10 V / 9.9 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
TRANSCONDUCTANCE	0.007 S
MAXIMUM PLATE VOLTAGE	5000 V
MAXIMUM SCREEN VOLTAGE	700 V
MAXIMUM PLATE DISSIPATION	500 W
<i>RF power tetrode for amplification, frequency multiplication, and modulation.</i>	

The Mullard QY5500 is a rF power tetrode for amplification, frequency multiplication, and modulation.

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
Input Capacitance	24 pF	—
Output Capacitance	8.3 pF	—
Plate-Grid Capacitance	0.25 pF	—
Transconductance	7000 μ S	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	5000 V	f<75MHz
Maximum Plate Voltage	4500 V	f=110MHz
Maximum Plate Dissipation	500 W	—
RF Output Power	1760 W	Continuous; 75MHz

TUBE TINKER

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and their source documents.

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