



ELECTRONIC TUBE REFERENCE

QQV026

Voltage - Dual Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TETRODE-TETRODE

RF power double tetrode designed for amplification or frequency multiplication to approximately 500 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
TRANSCONDUCTANCE	0.0105 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	3 W
MAXIMUM SCREEN DISSIPATION	1.5 W
MAXIMUM CATHODE CURRENT	45 mA
Two electrically similar RF tetrode sections; represented once under identical-section compression.	

SECTION2 Tetrode	
TRANSCONDUCTANCE	0.0105 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	3 W
MAXIMUM SCREEN DISSIPATION	1.5 W
MAXIMUM CATHODE CURRENT	45 mA
Second physical RF tetrode section; added to align rows with SectionCount.	

RF power double tetrode for amplifier or frequency-multiplier service to 500 MHz.

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	500 MHz	—
RF operating frequency	500 MHz	ClassC
RF plate voltage	180 V	ClassC
RF screen voltage	180 V	ClassC
RF control-grid voltage	-20 V	ClassC
RF plate current per section	27.5 mA	ClassC
RF output power	5.8 W	ClassC
Plate dissipation maximum per section	3 W	—
Screen dissipation maximum per section	1.5 W	—
Heater-cathode voltage maximum	100 V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate-grid capacitance per section	0.16 pF	—
Push-pull input capacitance	3.8 pF	PushPull
Push-pull output capacitance	0.95 pF	PushPull
Grid-to-all capacitance per section	6.4 pF	—
Plate-to-all capacitance per section	1.6 pF	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	10.5 mA/V	—

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	RF power amplifier / oscillator / frequency multiplier	—

TUBE TINKER

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