

ELECTRONIC TUBE REFERENCE

QQV0740

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Twin beam tetrode designed for Class-C RF amplifier and oscillator service to approximately 250 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 2.5 A	PARALLEL HEATER	6.3 V / 2.5 A
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
TRANSCONDUCTANCE	0.0085 S
MAXIMUM PLATE VOLTAGE	750 V
MAXIMUM PLATE DISSIPATION	20 W
Published ratings and characteristics promoted semantically from the approved source; repeated identical physical sections compressed where applicable.	

The Mullard QQV0740 is a twin beam tetrode for Class C RF amplifier or oscillator service to 250 MHz.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1951 Mullard Valve and Service Manual

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

1951 MULLARD VALVE AND SERVICE MANUAL

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating Frequency Maximum	250 MHz	—
Plate Voltage	750 V	PushPull,ClassC
Power Output	24 W	GridModulated,PushPull



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 · Beam Power

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	1.8 A	—
Heater Voltage Series	12.6 V	—
Heater Current Series	900 mA	—
Heater Voltage Parallel	6.3 V	—
Heater Current Parallel	1.8 A	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Dissipation	20 W	EachSection
Maximum Operating Frequency	250 MHz	—
RF Output Power	70 W	ClassC; PushPull; Representative
RF Output Power	63 W	ClassC; PushPull; AlternateOperatingPoint

TUBE TINKER

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