



ELECTRONIC TUBE REFERENCE

QQV0420

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Twin beam tetrode with center-tapped heater designed for push-pull RF power-amplifier and oscillator service to approximately 200 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 2 A	PARALLEL HEATER	6.3 V / 2 A
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
TRANSCONDUCTANCE	0.004 S
AMPLIFICATION FACTOR	6.5
MAXIMUM PLATE VOLTAGE	400 V
MAXIMUM SCREEN VOLTAGE	225 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM SCREEN DISSIPATION	2.25 W
Published ratings and characteristics promoted semantically from the approved source; repeated identical physical sections compressed where applicable.	

Twin beam tetrode for push-pull RF power amplifier or oscillator service to about 200 MHz, with center-tapped heater for series or parallel connection.

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	200 MHz	—
Plate Voltage	400 V	PushPull,ClassC
Power Output	44 W	PushPull,ClassC

TUBE TINKER

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and their source documents.

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