



ELECTRONIC TUBE REFERENCE

Q35

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Transmitting power tetrode designed for RF amplification, linear/SSB service, oscillation, modulation, broadcasting, or frequency multiplication.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	6.3 V / 32.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.019 S
MAXIMUM PLATE VOLTAGE	5500 V
MAXIMUM SCREEN VOLTAGE	800 V
MAXIMUM PLATE DISSIPATION	3000 W
MAXIMUM SCREEN DISSIPATION	100 W
<i>Representative electrical section; repeated identical sections are compressed where applicable.</i>	

High-power air-cooled transmitting tetrode intended mainly for final stages of television transmitters and also for high-power AF/RF broadcasting and radiocommunication service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Lamina

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

196X LAMINA

Section 1 · Tetrode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum frequency	220 MHz	—
Input capacitance	23.5 pF	—
Output capacitance	8.4 pF	—
Grid-plate capacitance	<0.35 pF	—

TUBE TINKER

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and their source documents.

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