



ELECTRONIC TUBE REFERENCE

220VS

Voltage Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Variable-mu or remote-cutoff screen-grid tetrode for controlled RF or IF voltage amplification, permitting smooth receiver gain control over an extended grid-bias range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	2 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
PLATE RESISTANCE	400000 Ω
TRANSCONDUCTANCE	0.0016 S
MAXIMUM PLATE VOLTAGE	150 V
<i>Published ratings/characteristics promoted from the approved datasheet.</i>	

Two-volt variable-mu screened-grid tetrode for H.F. amplification and volume control.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1936 Cossor Valve Manual

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

1936 COSSOR VALVE MANUAL

Section 1 · Tetrode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid bias variable	0–9 V	Range endpoint: 0.0 to 9.0



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

193X Cossor

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

193X COSSOR

Section 1 · Tetrode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Mutual Conductance	1600 μS	Published technical-data value