ELECTRONIC TUBE REFERENCE

220VSG

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

SECTION1 Tetrode	
PLATE RESISTANCE	110000 Ω
TRANSCONDUCTANCE	0.0016 S
MAXIMUM PLATE VOLTAGE	150 V
Published ratings/characteristics promoted from the approved datasheet.	

Two-volt variable-mu screened-grid tetrode with extended grid-bias range.

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 DATA APPENDIX

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	16000 µS	Published technical-data value