ELECTRONIC TUBE REFERENCE

4CX15000R

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Air-cooled power tetrode designed for audio and RF applications, particularly VHF FM broadcast transmitters in the 88–108 MHz band.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	_ / _	**PARALLEL HEATER**	_ / _
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Tetrode

MAXIMUM PLATE VOLTAGE	10000 V
MAXIMUM SCREEN VOLTAGE	2000 V
MAXIMUM PLATE DISSIPATION	15000 W
MAXIMUM SCREEN DISSIPATION	450 W
MAXIMUM GRID DISSIPATION	200 W

Maximum ratings promoted from source.

The Svetlana™ 4CX15,000R is an air cooled power tetrode designed for audio and radio frequency applications. It is particularly well-suited for use in VHF FM broadcast transmitters in the Band II 88-108 MHz frequency range and has full performance ratings to 110MHz. The Svetlana 4CX15,000R has a directly- heated, superior engineered thoriated tungsten mesh filament for mechanical rugged- ness and good VHF electrical performance. This modern mesh filament design is superior to other mesh filament

> designs. The Svetlana 4CX15,000R is manufactured in the Svetlana factory in St. Petersburg, Russia, and is designed to be a direct replacement for any 4CX15,000R.

SOURCE OPERATING CONDITIONS

199X Svetlana

SOURCE PDF

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

199X SVETLANA

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	**10000 V**	—
Maximum Screen Voltage	**2000 V**	—
Maximum Plate Dissipation	**15000 W**	—
Maximum Screen Dissipation	**450 W**	—

TUBE TINKER

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