ELECTRONIC TUBE REFERENCE

C6JL

Specialized - Thyratron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
THYRATRON

Xenon-gas-filled power-control thyratron, co-designated C6J/L and WL-7321, designed for high-current grid-controlled switching and rectifier service.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	2.5 V / 2.1 A	**PARALLEL HEATER**	_ / _
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Thyratron

MAXIMUM PLATE VOLTAGE	1000 V

Published ratings and characteristics promoted where clearly applicable; additional source values retained as section parameters.

Printed co-designation C6J/L for the WL-7321 xenon-gas-filled power-control thyratron.

SOURCE OPERATING CONDITIONS

1947 Westinghouse

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

1947 WESTINGHOUSE

Section 1 · Thyratron

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	**2.5 V**	Published nominal/representative value
Heater or filament current	**2.1 A**	Published nominal/representative value
Filament current range	**1.9 A–2.3 A**	Published
Typical arc voltage drop	**9 V**	Published
Approximate deionization time	**1000 µs**	Published
Temperature range	**-55–175 °C**	Published

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