



ELECTRONIC TUBE REFERENCE

CK515BX

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Directly heated Raytheon subminiature triode designed for low-voltage amplifier service, using a 0.625 V, 30 mA filament.

GENERAL CHARACTERISTICS

BASE DESIGNATION	4B	BASE PINS	4
NOMINAL HEATER	0.625 V / 30 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.00016 S
AMPLIFICATION FACTOR	24
<i>Published values are typical summary-table operating/characteristic data, not maximum ratings.</i>	

CK515BX is a directly heated Raytheon subminiature triode listed for voltage amplifier service. The summary table specifies a 0.625-V, 30-mA filament and a typical 45-V plate operating point.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Raytheon Special Purpose Tubes

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

195X RAYTHEON SPECIAL PURPOSE TUBES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	45 V	Typical operating point; Voltage Amp.
Grid 1 Voltage	0 V	Typical operating point; Voltage Amp.
Plate Current	0.15 mA	Typical operating point; Voltage Amp.
Output Power	16 mW	Typical operating point; Voltage Amp.
Load Resistance	1 MΩ	Typical operating point; Voltage Amp.
Maximum Length	1.19 in	Maximum dimension
Maximum Diameter	0.315 in	Maximum dimension