



ELECTRONIC TUBE REFERENCE

CK5642

Rectifier - TV Line Scan Boost electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated subminiature half-wave high-vacuum television pulse rectifier rated for approximately 10 kV peak inverse voltage, designed for compact pulsed high-voltage television circuitry.

GENERAL CHARACTERISTICS

BASE DESIGNATION	5DB	BASE PINS	—
NOMINAL HEATER	1.25 V / 140 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	10000 V
<i>Half-wave high-vacuum television pulse rectifier; no numeric peak/DC current value is printed in the compact row.</i>	

Directly heated subminiature half-wave high-vacuum television pulse rectifier rated for 10 kV peak inverse voltage.



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 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse voltage	10000 V	HalfWave
Service	Television pulse rectifier	HalfWave

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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