

ELECTRONIC TUBE REFERENCE

CK5995

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Raytheon subminiature heater-cathode diode for half-wave rectifier service. Its compact 6.3 V construction suits small electronic power supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	7BA	BASE PINS	7
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

7BA - TERMINAL PINOUT

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 – F	–	F – Filament	CONNECTED
PIN2 – P	A	P – Plate (Anode)	CONNECTED
PIN3 – G1	A	G1 – Control Grid	CONNECTED
PIN4 – G2	A	G2 – Screen Grid	CONNECTED
PIN5 – G3	A	G3 – Suppressor Grid	CONNECTED
PIN5 – FCT	–	FCT – Filament Center Tap	CONNECTED
PIN6 – P	A	P – Plate (Anode)	CONNECTED
PIN7 – F	–	F – Filament	CONNECTED

SECTION RATINGS

SECTION1 Rectifier

No fixed ratings recorded.

Promoted only from clearly identified printed electrical values; additional values retained in TUBE_SECTION_PARAMETER. The supplied target page explicitly refers detailed electrical characteristics to another manual section not included in this PDF; no unsupported values were inferred.

Subminiature heater-cathode diode intended for half-wave rectifier service; the supplied page refers electrical ratings to another rectifier section.



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
Heater voltage	6.3 V	HalfWave
Heater current	300 mA	HalfWave

TUBE TINKER

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and their source documents.

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