

ELECTRONIC TUBE REFERENCE

CK6110

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Subminiature full-wave high-vacuum double-diode rectifier for compact electronics. Rated for approximately 460 V peak inverse voltage, 8 mA DC output, and 26.5 mA peak current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8CH	BASE PINS	8
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

8CH - TERMINAL PINOUT

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 – G1	A	G1 – Control Grid	CONNECTED
PIN2 – H	–	H – Heater	CONNECTED
PIN3 – T	A	T – Target	CONNECTED
PIN4 – D2	A	D2 – 2nd Dynode	CONNECTED
PIN5 – D3	A	D3 – 3rd Dynode	CONNECTED
PIN6 – D1	A	D1 – 1st Dynode	CONNECTED
PIN7 – H	–	H – Heater	CONNECTED
PIN8 – K	A	K – Cathode	CONNECTED

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	460 V
NOMINAL OUTPUT CURRENT	8 mA
PEAK FORWARD CURRENT	26.5 mA
<i>Two identical rectifier sections; published full-wave ratings.</i>	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	460 V
NOMINAL OUTPUT CURRENT	8 mA
PEAK FORWARD CURRENT	26.5 mA
<i>Second physical rectifier section; electrical properties populated from applicable published ratings.</i>	

Raytheon subminiature full-wave high-vacuum double-diode rectifier with a 6.3 V, 150 mA heater.

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	460 V	—
Maximum peak plate current per plate	26.5 mA	—
Maximum DC output current	8 mA	—

195X RAYTHEON SPECIAL PURPOSE TUBES

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse voltage	460 V	—
Maximum peak plate current per plate	26.5 mA	—
Maximum DC output current	8 mA	—

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