



ELECTRONIC TUBE REFERENCE

7550

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Reliable subminiature double triode for critical amplifier and control service, with a 400 V plate rating and robust cathode-current capability in a compact construction.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 500 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	1.5 W
MAXIMUM GRID DISSIPATION	0.4 W
MAXIMUM CATHODE CURRENT	30 mA
<i>Primary physical section. Raytheon CK7550: 250 V maximum average DC plate voltage; 400 V instantaneous forward pulse voltage is a transient spike rating only (leading edge, limited duration). Grid dissipation maximum 0.4 W per grid; pulse cathode current specifications are test-condition dependent.</i>	

SECTION2 Triode	
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	1.5 W
MAXIMUM GRID DISSIPATION	0.4 W
MAXIMUM CATHODE CURRENT	30 mA
<i>Second physical section. Raytheon CK7550: 250 V maximum average DC plate voltage; 400 V instantaneous forward pulse voltage is a transient spike rating only (leading edge, limited duration). Grid dissipation maximum 0.4 W per grid; pulse cathode current specifications are test-condition dependent.</i>	

Reliable subminiature double triode for critical amplifier and control service.



SOURCE OPERATING CONDITIONS

SOURCE PDF

1938 Raytheon

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

1938 RAYTHEON
Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	500 mA	Nominal
Maximum Plate Voltage	400 V	—
Maximum Plate Dissipation	1.5 W	—
Maximum Cathode Current	30 mA	—

TUBE TINKER

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and their source documents.

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