



ELECTRONIC TUBE REFERENCE

RK34

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Twin power triode for Class B audio-frequency amplification and RF oscillator service. Its paired sections support push-pull audio output in the low-tens-of-watts range while retaining useful radio-frequency capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	6.3 V / 800 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	2950 Ω
TRANSCONDUCTANCE	0.0044 S
AMPLIFICATION FACTOR	13
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	5 W
<i>Published ratings/characteristics promoted where directly applicable; identical twin sections are compressed to one section row.</i>	

SECTION2 Triode	
<i>No fixed ratings recorded.</i>	

Twin triode for Class B audio-frequency power amplification and RF oscillator 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
Power Output	13 W	ClassB;PushPull;TwoTubes



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon Amateur

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

1938 RAYTHEON AMATEUR

Section 1 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6.3 V	Published nominal value
Heater or filament current	800 mA	Published nominal value
Transconductance	4400 μ S	Published characteristic

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate dissipation	5 W	Published maximum or highest stated rating
Audio power output	13 W	ClassB; TwoTriodes
Audio power output	0.8 W	ClassA; TwoTriodesInParallel



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
Maximum Combined Plate Current	80 mA	BothSectionsCombined
Maximum Combined Grid 1 Current	20 mA	BothSectionsCombined
Maximum Combined Plate Dissipation	10 W	BothSectionsCombined
Drive Power	1.8 W	BothSectionsCombined
Output Power	16 W	BothSectionsCombined

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-Plate Capacitance	2.4 pF	RepresentativeSection