



ELECTRONIC TUBE REFERENCE

0QQ501500

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Tungfram thoriated-filament shortwave transmitting triode for RF power amplification and oscillation. With about 1.5 kV plate capability, 50 W dissipation, and high transconductance, it suits compact shortwave transmitters.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7.5 V / 4 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	1300 Ω
TRANSCONDUCTANCE	0.03 S
AMPLIFICATION FACTOR	47
MAXIMUM PLATE VOLTAGE	1500 V
MAXIMUM PLATE DISSIPATION	50 W
Published ratings and characteristics promoted from the approved source.	

Thoriated-filament shortwave transmitting triode for RF power amplification and oscillation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tunsgram

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

195X TUNSGRAM

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	7.5 V	Nominal
HeaterCurrentNominal	4 A	Nominal
Maximum Plate Voltage	1500 V	—
Maximum Plate Dissipation	50 W	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	30000 μ S	Typical
Amplification Factor	47	Typical
Plate Resistance	1300 ohm	Typical