



ELECTRONIC TUBE REFERENCE

3CI50A

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

RF transmitting triode with thoriated-tungsten filament for high-frequency power amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10 V / 3.4 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
AMPLIFICATION FACTOR	18
MAXIMUM PLATE VOLTAGE	2500 V
MAXIMUM PLATE DISSIPATION	150 W
MAXIMUM CATHODE CURRENT	200 mA

RF transmitting triode with thoriated-tungsten filament.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Standard Valves

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

1947 STANDARD VALVES

Section 1 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacitance	7.3 pF	—
Grid-cathode/filament capacitance	8.6 pF	—
Anode-cathode/filament capacitance	1.1 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum frequency for published rating	20 MHz	—