

ELECTRONIC TUBE REFERENCE

3C36

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

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

UHF power triode designed for resonant-cavity operation in high-frequency transmitting equipment.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	2000 V
MAXIMUM PLATE DISSIPATION	500 W
Values promoted only where clearly published for this section in the approved source.	

UHF power triode designed for resonant-cavity operation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 National Union

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

1938 NATIONAL UNION

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
enpecicll¥ designed for o ration in the medium micro- wave range between	0 in	Published source value; see source line context.
sible to obtain better than	100 watts	Published source value; see source line context.
megacycles when operating at the rated maximum anode dissipation of	500 watts	Published source value; see source line context.
Heater Voltage	6.3 Volts	Published source value; see source line context.
(Ib =	50 umhos	Published source value; see source line context.
Maximum Frequency of Operation	1500 megacycles	Published source value; see source line context.
Heater Voltage	6.3 volts	Published source value; see source line context.
Anode Voltage	2000 volts	Published source value; see source line context.
Air Blast Cooled	200 Watts	Published source value; see source line context.
Length	3 inches	Published source value; see source line context.
Diameter	1 inches	Published source value; see source line context.
where moderate power C. W. output is required between	500 megacycle	Published source value; see source line context.
Published value	2 in	Published source value; see source line context.
Published value	6 in	Published source value; see source line context.
dissipation is not allowed to exceed	200 watts	Published source value; see source line context.
forms of cooling units are shown in Figs	1 in	Published source value; see source line context.
—m l-. - FOR	1000 MC	Published source value; see source line context.

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Average Grid Current	60 ma	Published source value; see source line context.
RMS current not to exceed	0.8 Amps	Published source value; see source line context.