



ELECTRONIC TUBE REFERENCE

8012

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Power transmitting triode for RF amplification, oscillation, modulation, or related high-power electronic service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1.92 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
AMPLIFICATION FACTOR	18
MAXIMUM PLATE VOLTAGE	1000 V
MAXIMUM PLATE DISSIPATION	40 W
<i>Published ratings and characteristics promoted from the approved RCA source.</i>	

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



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1940 RCA

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

1940 RCA

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RFPowerOutput	20 W	ClassC;GridModulated

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	UHFTransmittingRFPower text	—

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and their source documents.

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