



ELECTRONIC TUBE REFERENCE

3B401J

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Double-disc-seal UHF power triode for high-frequency transmitting service. Low-inductance electrode connections, approximately 40 W plate dissipation, and kilovolt plate capability suit compact RF power stages where conventional lead structures become limiting.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 2 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	2000 Ω
AMPLIFICATION FACTOR	6
MAXIMUM PLATE VOLTAGE	1000 V
MAXIMUM PLATE DISSIPATION	40 W
MAXIMUM CATHODE CURRENT	100 mA
Published triode ratings/characteristics promoted from the approved datasheet.	

Double-disc-seal UHF power triode.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode-grid capacitance	4 pF	Direct inter-electrode capacitance
Anode-filament capacitance	0.2 pF	Direct inter-electrode capacitance
Grid-filament capacitance	5 pF	Direct inter-electrode capacitance

TUBE TINKER

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