



ELECTRONIC TUBE REFERENCE

CV127

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Double-disc-seal UHF transmitting triode equivalent to the 3B40IJ. Rated for 40 W plate dissipation and about 1 kV plate voltage, with compact low-inductance construction intended for UHF power service.

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
<i>Explicit alternate/previous designation printed on 3B40IJ datasheet.</i>	

Double-disc-seal UHF transmitting triode, equivalent to 3B/40IJ.

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

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak emission	750 mA	—
Plate resistance	2000 ohm	At V_a 800 V, I_a 40 mA

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode-grid capacitance	4 pF	—
Anode-filament capacitance	0.2 pF	—
Grid-filament capacitance	5 pF	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode current	100 mA	—
Maximum grid current	15 mA	—

TUBE TINKER

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and their source documents.

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