



ELECTRONIC TUBE REFERENCE

7753

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Forced-air-cooled external-plate high-vacuum power triode designed for industrial RF oscillator service, including substantial high-frequency heating applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 65 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
AMPLIFICATION FACTOR	5
MAXIMUM PLATE VOLTAGE	6000 V
MAXIMUM PLATE DISSIPATION	2100 W
Forced-air-cooled external-plate high-vacuum power triode for industrial oscillator service.	

7753 is a Triode device in the supplied Amperex literature. Forced-air-cooled external-plate high-vacuum power triode for industrial oscillator service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Amperex Condensed

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

1963 AMPEREX CONDENSED

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	6000 V	RF/Industrial
Plate current	1.33 A	RF/Industrial
Output power	4750 W	RF/Industrial
Grid current	380 mA	RF/Industrial
Maximum frequency at full input rating	50 MHz	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-plate capacitance	12 pF	—
Grid-to-filament capacitance	13 pF	—
Plate-to-filament capacitance	0.5 pF	—

TUBE TINKER

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