



ELECTRONIC TUBE REFERENCE

8415

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

External-anode industrial triode designed for grounded-grid Class-C RF oscillator service to approximately 300 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 11.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
AMPLIFICATION FACTOR	28
MAXIMUM PLATE VOLTAGE	2500 V
MAXIMUM PLATE DISSIPATION	300 W
MAXIMUM GRID DISSIPATION	20 W
MAXIMUM CATHODE CURRENT	300 mA
<i>Promoted ratings and characteristics mapped from source tables.</i>	

External-anode industrial triode designed for grounded-grid Class C RF oscillator service to 300 Mc.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 Amperex

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

1953 AMPEREX

Section 1 · Triode

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid To Plate Capacitance	5.4 pF	Published direct interelectrode capacitance
Grid To Filament Capacitance	5.2 pF	Published direct interelectrode capacitance

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