

ELECTRONIC TUBE REFERENCE

BR1161

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.06 S
AMPLIFICATION FACTOR	90
MAXIMUM PLATE DISSIPATION	36000 W
<p>Forced-air-cooled RF transmitting power triode. Maximum anode voltage 14 kV, maximum anode dissipation 36 kW; filament current 185 A; surge filament current 300 A maximum; peak usable cathode current 60 A; μ 90, gm 60 mA/V at specified operating points. Capacitances: grid-anode 75 pF, grid-filament 130 pF, anode-filament 1.0 pF.</p>	



SOURCE OPERATING CONDITIONS

9999 Mixed I 1000

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

9999 MIXED I 1000

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	10000 V	RF transmitting triode typical operating point
Plate Current	26000 mA	RF transmitting triode typical operating point

TUBE TINKER

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and their source documents.

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