



ELECTRONIC TUBE REFERENCE

3D21WB

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Rugged reliable pulse beam-power tetrode for high-voltage, high-current pulse service in modulators, deflection amplifiers, oscillators, and regulated power supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	6
NOMINAL HEATER	12.6 V / 850 mA	PARALLEL HEATER	6.3 V / 1.7 A
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
MAXIMUM PLATE VOLTAGE	4000 V
MAXIMUM SCREEN VOLTAGE	850 V
MAXIMUM PLATE DISSIPATION	40 W
MAXIMUM SCREEN DISSIPATION	3.5 W
MAXIMUM GRID DISSIPATION	0.5 W
MAXIMUM CATHODE CURRENT	175 mA

Rugged, reliable pulse beam-power tetrode designed for high-voltage, high-pulse-current service in modulators, deflection amplifiers, oscillators, and regulated supplies.



SOURCE OPERATING CONDITIONS

SOURCE PDF

1961 Tung Sol

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

1961 TUNG SOL
Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC Plate Voltage – Note 1..... . i i i een	4000 VOLTS	Published datasheet value
Peak Plate Voltage including Transient–Note 2 0 iiiiiinn.n	5000 VOLTS	Published datasheet value
Maximum heater-cathode voltage	500 V	Either polarity

TUBE TINKER

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