



ELECTRONIC TUBE REFERENCE

7403

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Reliable hard-glass beam tetrode designed for pulse amplification, switching, and high-voltage regulator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	6
NOMINAL HEATER	6.3 V / 1.7 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
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	150 mA
<i>Published ratings and characteristics promoted from the approved datasheet.</i>	

Reliable hard-glass beam tetrode for pulse, switching, and high-voltage regulator service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1965 Tung Sol Industrial Tubes

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

1965 TUNG SOL INDUSTRIAL TUBES

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Heater current	1.7 A	—
Peak plate voltage including transient	5000 V	Pulse
Peak cathode current	10 A	Pulse
Maximum heater-cathode voltage	500 V	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker