



ELECTRONIC TUBE REFERENCE

P3001

Power - Pentode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
PENTODE

Radiation-cooled pentode designed for RF and AF power amplification and industrial service. Its construction supports professional power-output applications across radio and audio frequencies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 7.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
MAXIMUM PLATE VOLTAGE	3000 V
MAXIMUM PLATE DISSIPATION	400 W
MAXIMUM CATHODE CURRENT	600 mA
<i>Published ratings and characteristics promoted where reliably recoverable from the approved sheet.</i>	

Radiation-cooled pentode for RF/AF power and industrial service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1969 Brown Boveri

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

1969 BROWN BOVERI

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Frequency	50 MHz	—
RF/Output Power	1200 W	Quick Reference, stated operating class where applicable
Maximum Anode Current	600 mA	—

TUBE TINKER

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and their source documents.

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