

572B POWER TRIODE



The Penta Laboratories is a power triode designed for use as a RF Oscillator, RF Power Amplifier and audio frequency modulator. The 572B is a direct replacement for the 811A, but has a graphite anode for increased performance and reliability.

Electrical Characteristics

Filament Voltage	6.3	Volts
Fialment Current	4.0	Amperes
Amplification Factor	170	
Direct Interelectrode Capacitances		
Grip to Plate	6	pF
Grid to Filament	5.9	pF
Plate to Filament	0.8	pF

Mechanical Characteristics

Mounting Position		
Vertical	Base Down	
Horizontal	Pins 1 and 4 in vertical plane	
Cooling	Radiation	
Socket	Medium 4-Pin	
Dimensions		
Diameter (typical)	2.063	inches
Length (typical)	6.5	inches

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P E N T A L A B O R A T O R I E S
9740 COZYCROFT AVENUE * CHATSWORTH * CALIFORNIA 91311
(800) 421-4219 * (818) 882-3872 * FAX: (818) 882-3968

ELECTRON TUBES FOR INDUSTRY



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Maximum Ratings

Audio Frequency Power Amplifier and Modulator, Class B

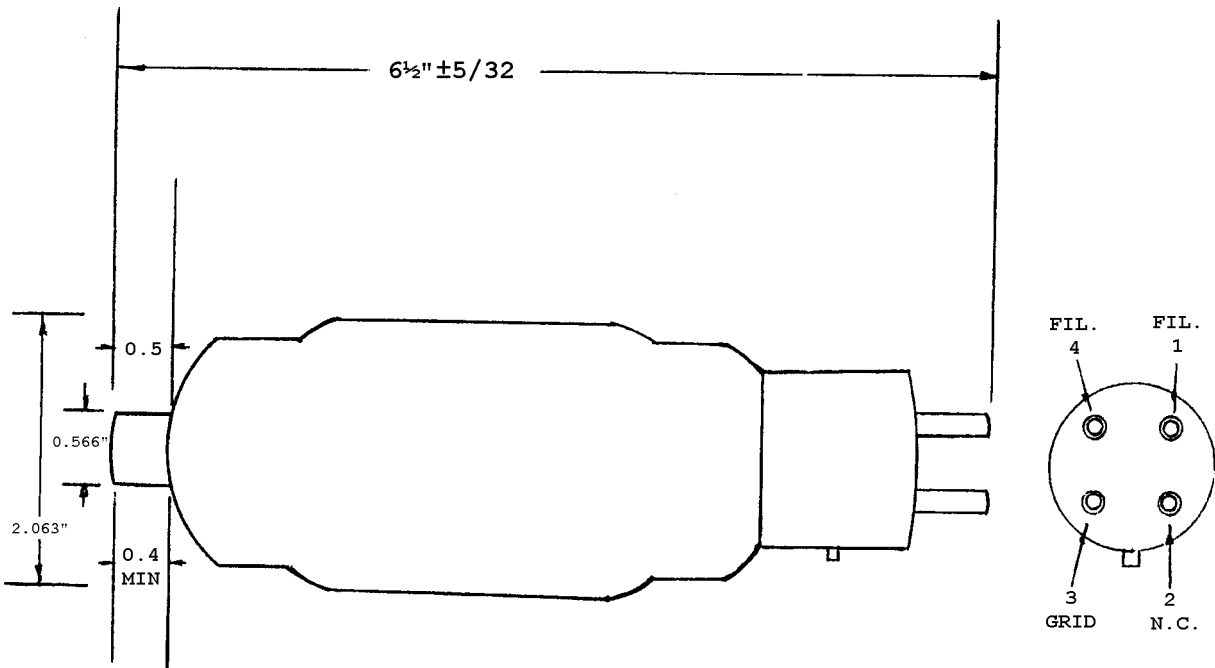
DC Plate Voltage	2000	Volts
Maximum Signal DC Plate Current	225	mA
Maximum Signal Plate Input	600	Watts
Plate Dissipation	160	Watts

RF Power Amplifier and Oscillator, Class C Telegraphy

DC Plate Voltage	2000	Volts
DC Plate Current	200	mA
DC Grid Voltage	-200	Volts
DC Grid Current	50	mA
Plate Input	400	Watts
Plate Dissipation	100	Watts

Plate Modulated RF Power Amplifier, Class C Telephony

DC Plate Voltage	1650	Volts
DC Plate Current	165	mA
DC Grid Voltage	-200	Volts
DC Grid Current	50	mA
Plate Input	270	Watts
Plate Dissipation	65	Watts





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