



Engineering Data

Bulletin E-162
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October 5, 1950

HYTRON TYPE 600L

MECHANICAL DATA

Coated filament		
Outline drawing		Bulb T-9
Base	B5-10 Intermediate shell octal 5-pin	
Maximum diameter		1-5/16"
Maximum overall length		1-1/16"
Maximum seated height		
Pin connections		Basing 5T
Pin 1 - No connection	Pin 6 - No connection	
Pin 2 - Filament	Pin 8 - Filament	
Pin 4 - No connection	Cap Plate	
	Cap Plate	
Cap		See drawing
Mounting position		Vertical

* Horizontal operation permitted if pins #2 and #4 are in vertical plane.

ELECTRICAL DATA

Ratings

Filament voltage (ac or dc)	5.0	volts
Maximum peak inverse voltage	1100	volts
Maximum steady state peak plate current each plate	375	ma
Maximum transient peak plate current each plate	1.0	amperes
Tube voltage drop (measured with tube conducting 115 ma each plate)	50	volts

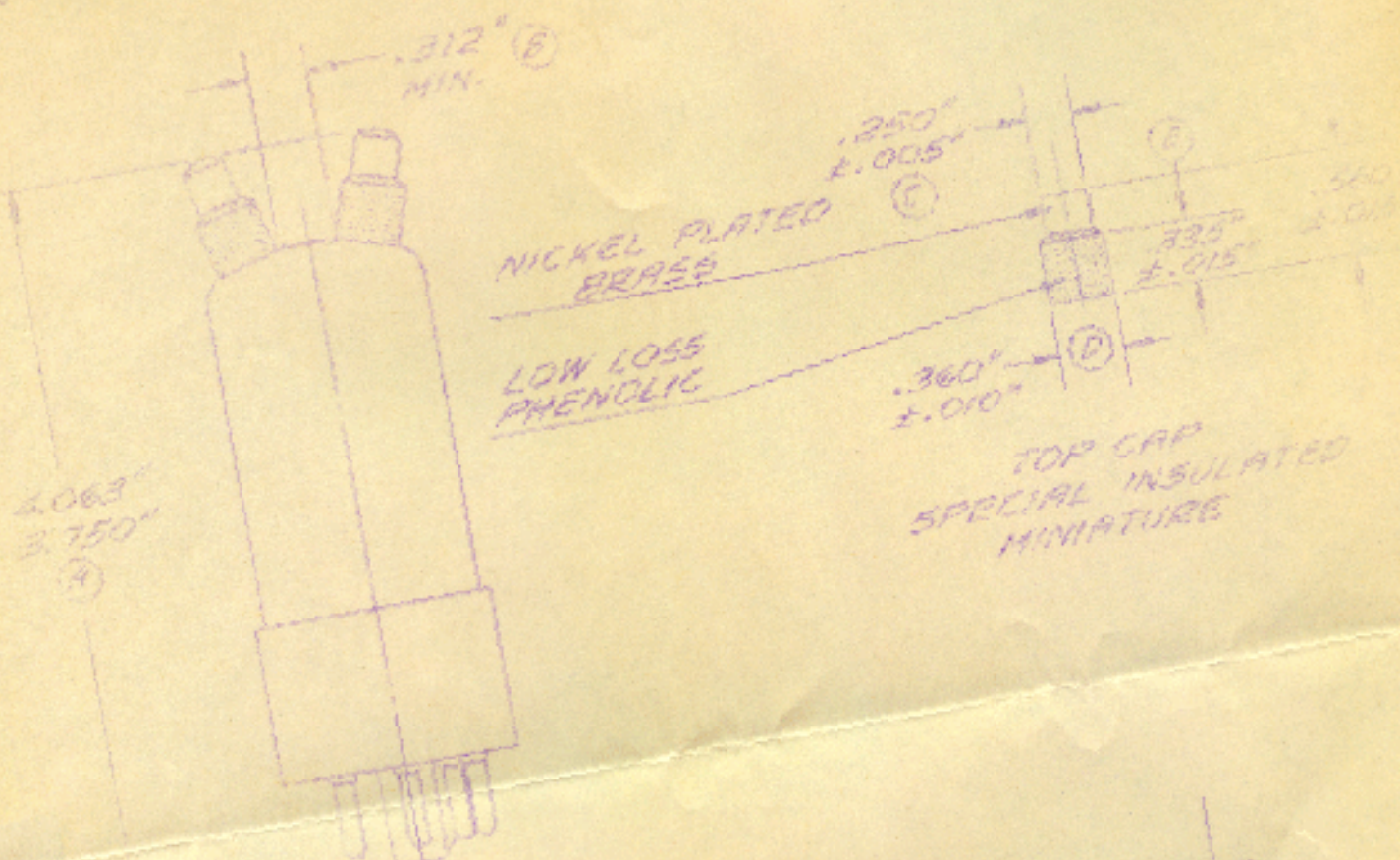
Typical operation (Full Wave Rectifier)

Capacitor Input

Filament voltage	5.0	volts
Filament current	2.0	amperes
AC plate supply voltage each plate	375	volts
Input condenser	4	uf
Effective plate supply impedance each plate	60	ohms
DC output current	120	ma
DC output voltage	360	volts

REVISION TYPE 6006

Oct 5, 1950



#1 PLATE CAP

#2 PLATE CAP

LOW LOSS PHENOLIC

CROSS SECTION VIEW OF UNASSEMBLED CAP

EACH CAP MAY VARY $\pm .005''$ FROM TRUE CENTER

DESIGN TEST MEASUREMENTS: .006
 TYPE APPROVAL TEST MEASUREMENTS: .006

$1.52''$ MIN.