

ATELIERS BELVU
6BX4
FULL-WAVE HIGH-VACUUM RECTIFIER

Ateliers Belvu 6BX4 is a full-wave, high-vacuum rectifier of the heater-cathode type in Miniature construction.

GENERAL DATA

Electrical:

Heater, for Unipotential Cathode:

Voltage (AC or DC)	6.3 volts
Current	0.6 amp

Mechanical:

Mounting Position	Any
Bulb	T-5-1/2
Base	Miniature Button 7-Pin

FULL-WAVE RECTIFIER

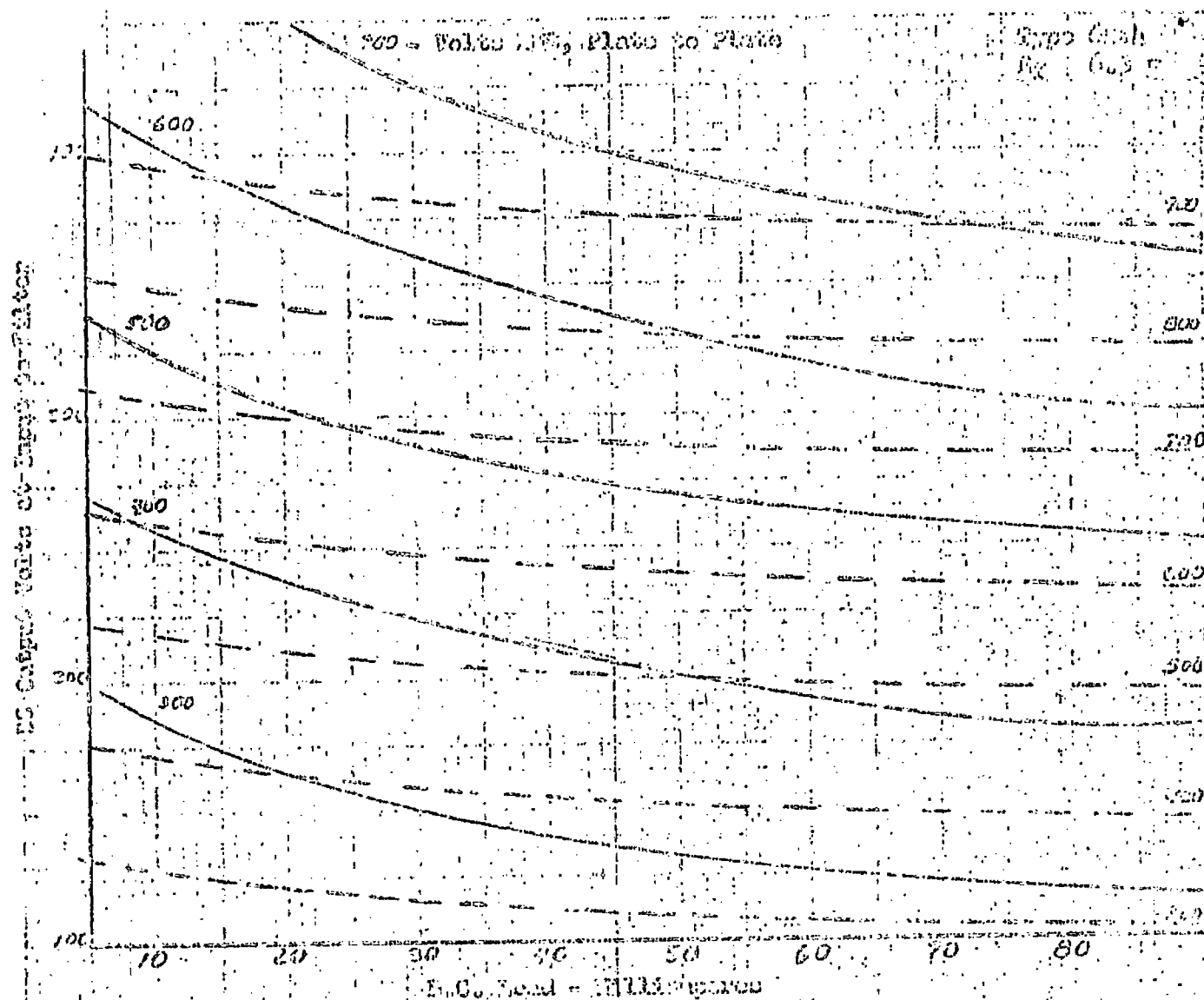
Maximum Ratings, Design-Center Values:

Peak Inverse Plate Voltage	1,350 max. volts
Peak Plate Current	270 max. ma
DC Output Current	90 max. ma
Peak Heater-Cathode Voltage:	
Heater negative with respect to cathode	500 max. volts
Heater positive with respect to cathode	500 max. volts

Typical Operation:

	Condenser- Input to Filter	Choke- Input to Filter	
AC Plate-to-Plate Supply Voltage (RMS)	700	900	volts
Filter Input Capacitance	50		uf
Total Effective Plate-Supply Impedance per Plate	300		ohms
Min. or Filter Input Choke		3	henries
DC Output Current	90	90	

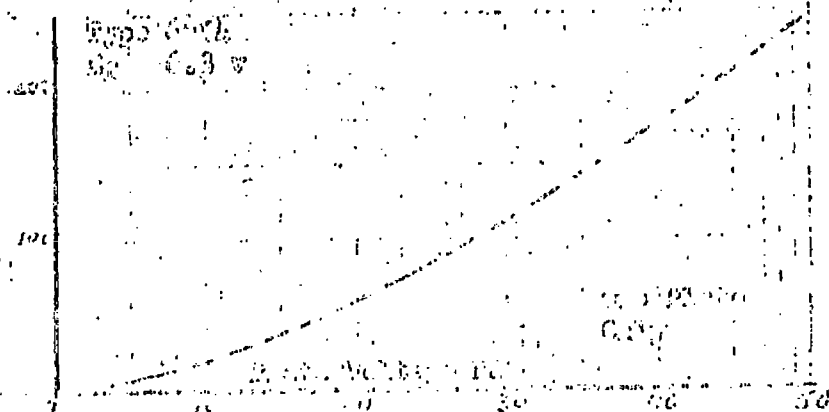
OPERATION CHARACTERISTIC



1. James Blake (J)
 2. Robert Bell (R)
 3. John Brown (B)
 4. William Davis (D)
 5. George Evans (E)
 6. Franklin Foster (F)
 7. Charles Green (G)
 8. Harold Hill (H)
 9. Isaac Jones (I)
 10. Joseph King (K)
 11. Samuel Lee (L)
 12. Thomas Martin (M)
 13. Richard Nelson (N)
 14. Benjamin Oliver (O)
 15. Edward Parker (P)
 16. George Quinn (Q)
 17. Henry Reed (R)
 18. Isaac Smith (S)
 19. Joseph Taylor (T)
 20. Samuel White (W)
 21. Thomas Young (Y)
 22. Richard Zane (Z)

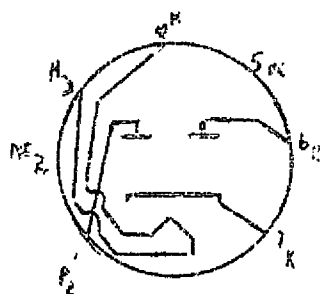
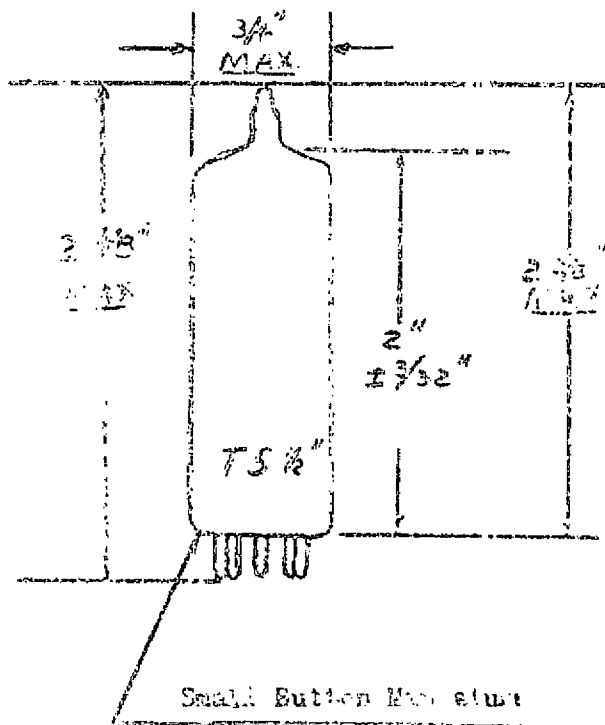
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EXHIBIT PAGE CONTINUED



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Dimensional Outline



Socket Connections
 Bottom View
 (Basing No. 7DV)

- Pin 1 - Plate No. 2
- Pin 2 - No Connection
- Pin 3 - Heater
- Pin 4 - Heater
- Pin 5 - No Connection
- Pin 6 - Plate No. 1
- Pin 7 - Cathode