

TUBE RECTIFIERS DATA – QUICK SHEET

5Y3 / 5Y3G – FIL : 5V, 2.0A, Drop : 60V @ 125ma

Directly Heated Cathode: Higher Current

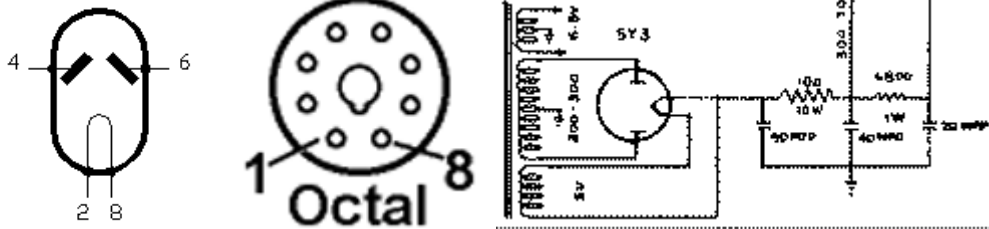
Output cap : 40uF typ. I_k max : 375ma pk, PIV : 1400V

Application Data: V_{in} : 350-0-350 Cur: 125ma, Mounting horiz : pin1-8 in horiz plane

Effective Plate supply impedance per plate 140 Ohms

Typical Application : Power Amp

Socket : Medium Size 8-Octal (EIA - 5T)



5AR4 / GZ34 - FIL : 5V, 1.9A, Drop : 17 V @ 225ma

Indirectly heated cathode Rectifier Tube

Very long life if kept below the limits. Cap input to filter (max): 60 uF

Application Data : V_{in} : 550-0-550 Cur: 160ma R_{serie} :175 ohms

peak inverse voltage: 1500 V peak plate current: 750 mA

AC plate supply (max RMS each plate): 550 V Steady state DC output current: 250 mA

Mounting horiz : pin1-8 in horiz plane

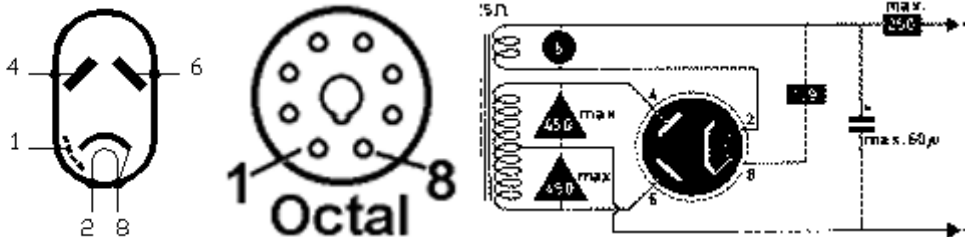
Applications: Line Stage, Phono, ex : Cary Audio PH302, Amplifier Dynaco ST-70

TYPICAL OPERATION

AC plate to plate supply voltage 450 V Plate supply impedance per plate 160 Ohms

Average output current 225 Ma

DC output voltage at input to filter 475 V



6X4 / EZ90, FIL: 6.3, 0.6A, Drop : 22V @ 70ma

12X4 (12V FIL model)

Miniature Rectifier Tube

Mounting : Unrestricted, B7G Socket

Application Data : V_{in} : 325-0-325, I_{max} : 70ma, C_{out} : 40uF, R_{serie} : 525 ohms

peak inverse voltage: 1250 V

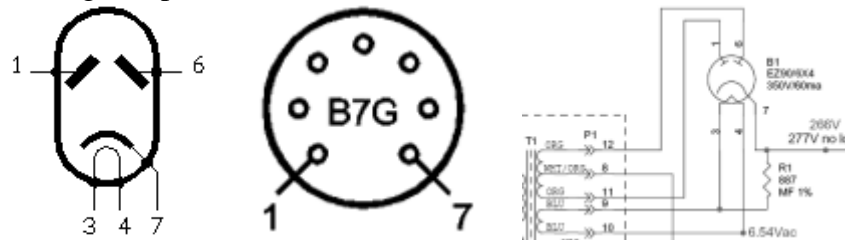
peak plate current: 210 mA

TYPICAL OPERATION

AC plate to plate supply voltage 325 V Plate supply impedance per plate 525 Ohms

Average output current 70 Ma

DC output voltage at input to filter 310V



TUBE RECTIFIERS DATA – QUICK SHEET

EZ81 / 6CA4, FIL: 6.3, 1.0A, Drop : 20V @ 150ma

Miniature Rectifier Tube B9A Socket

Application Data : V_{in} : 350-0-350, I_{max} : 150ma, C_{out} : 50uF, R_{serie} : 230 ohms

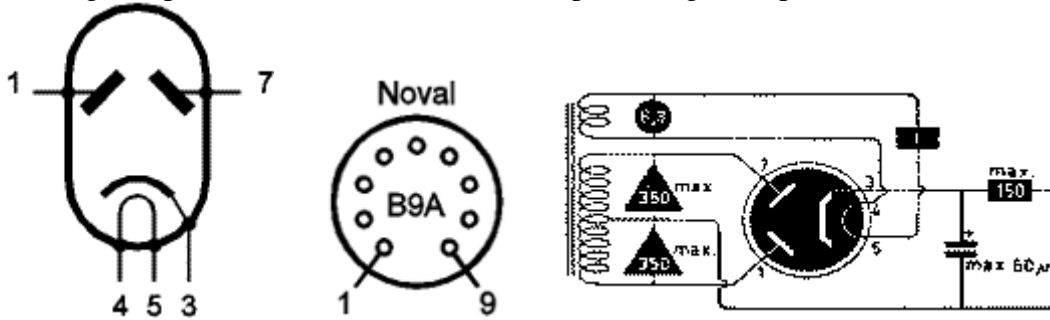
peak inverse voltage: 1300 V peak plate current: 500 mA

Mounting : Unrestricted

TYPICAL OPERATION

AC plate to plate supply voltage 350 V Plate supply impedance per plate 230 Ohms

Average output current 150 Ma DC output voltage at input to filter 350V



Other Rectifier Tubes :

274A/B, 6BY5, EZ80, GZ32, GZ37, 5R4, 5U4, and the 6AU4GTA