Subject: exact transformer specs
Posted by PakProtector on Sun, 23 Jan 2005 02:10:56 GMT
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Hey-Hey!!!,this is what I specified, and Phil quoted. ~100 mA capacity from the HV. 400-325-250-0-250-325-400 mulit-tap HV. For this project we're planning on using the 250-0-250 in full wave recitfication with a choke input filter. I expect it to easily meet the 100 mA specification with even a cap input filter, the L-C will make things even easier(and quieter).3A each of 5V and 6.3V. This will allow the use of almost any rectifier valve. Twin damper diodes, or single 7-pin 6X4 and a lot in between. You could even use a type 83 Hg vapour if you put a 250vac rated switch between CT and ground. Engage it after about a numute to allow the Hg to properly vpaourize. it takes a 4-pin socket like a 2A3...and it doesn't glow so well. Carefully matched 816's would be an option. Might be a good idea to get both of the heater windigs CT instead of just the 6.3 as is currently specified in case series connection of Hg vapour valves is desired.regards,Douglas!