
Subject: Re: Psud II example

Posted by [Damir](#) on Mon, 28 Nov 2005 11:56:22 GMT

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The purpose for $C1=0,22\mu F=220nF$ (1000 VDC ratings) is to remove voltage spikes and improve HF filtering, see "Valve Amplifiers" by M. Jones - good and detailed explanations about L and C input rectifiers. RDH is a good info, too. For L-input you must "draw" the minimum, "critical current", about $I_m \sim U_{tr}/Lch \sim 45mA$, to avoid $U_{dc}=1,4*U_{tr}$, like in C-input case. And you can substitute 100 Ohms resistor in CRC filter with a choke with sufficient current ratings, and $R_w \sim 100$ Ohms, beter filtering.
