Subject: Fiament choke and filter scheme???
Posted by Norris Wilson on Thu, 03 Aug 2006 15:49:39 GMT
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Hi everyone,An uneducated question here.I am looking for advice from people who have had some experience with filament choke and filtering schemes for an amplifier front end or phono-pre use.I am looking for a good filtering scheme to reduce the ripple and to prevent negligible problems associated with such a filter.My question is based on a single stage AC heated 6SL7 in the front end of a P-P monoblock amplifier. The filment would be supplied by a seprate transformer per stage.Would it be best to use a LCLCRC filter in one leg of the filament supply, with small hash chokes of 250uH, 20uF film caps AEON, and a variable resistor of small value? Or, use an LCLC in a common mode scheme with above chokes and capacitors?I am afraid that a large filter capacitor with a high ESR rating would cause some problems with high frequency noise and charging-timing issues.Any comments, or opinions about filament schemes are most welcome.ThanksNorris Wilson