
Subject: Re: alright then...

Posted by [PakProtector](#) on Wed, 22 Dec 2004 01:34:26 GMT

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Hey-Hey!!!,As far as voltage goes, there is no sense running up near max ratings. Once comfortable with some of the basics, and the circuit is working as expected, it is safer to push things around a bit. There might be something else to change by then...On the rectifier thing, we need four diodes for a full bridge, since there is no center tap to ground(the grounded CT, and two diodes is basically two out of phase half wave rectifiers). Two diodes(one at each end) form the current path, one with the banded end to the filter, and the other with the un-banded end to ground. We keep the two with the unbanded ends to ground, and put a pair of vacuum diodes in place of the others, with the cathode(the hot part in a valve, banded end for SS) to the filter. It is PN-junction noise free due to the vacuum diodes.this made sense while I wrote it...and still when I read it. I have my fingers crossed.regards,Douglas
