Subject: Re: sweet...
Posted by MQracing on Mon, 19 Dec 2005 15:10:53 GMT
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Hi Damir:Congrats on your purchase... I hope you enjoy them.Out of curiosity... did the manufacturer provide you with any of the following data?1) what is the max operating level? i.e., what magnitude of ac signal volts and at what frequency was this unit designed for?2) I think you've already said that the winding capacitance was not specified. 3) what is the leakage inductance?4) there is a mention of "15ma"... but it is unclear whether this is a spec for a dc current or an ac current.5) is this unit airgapped to carry unbal current? Was the 1700 henry number specified with any unbal dc current component across the windings? At what frequency and signal level was that inductance measured at? 6) do they provide a measurement of the incremental L? If so... at what signal level and frequency?7) Do they provide a measurement of harmonic distortion? On another note; here's an observation I made from the photos... that I have never seen before on a trans...notice how the lamination does not fill the "core area" of the bobbin? It looks like too large a bobbin was used for this size c-core and you end up with a large void (unfilled core space)... i.e., that the stack height of the bobbin has not been filled by magnetic core material.I realize that the core they used is an off-the-shelf part number (i.e., a stock premade core)... but it looks like the wrong bobbin was used on this core. As I recall the manufacturer of this core does offer specific bobbins for their different size c-cores... I wonder why the coil manfuacturer did not use the right size bobbin.In case you don't see what I am saying.... look at the picture on the left and then look at the left coil... see that large empty space? Never seen that before on an audio trans.Do you think this empty space would have any effect on performance?Just wondering.msl