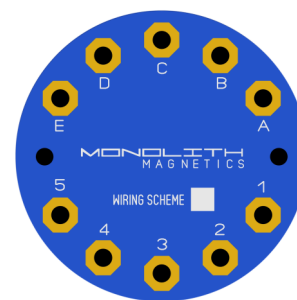
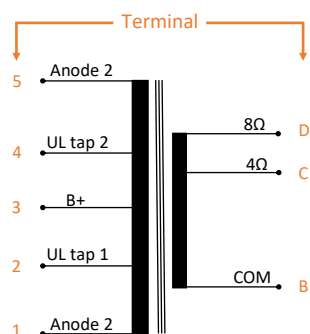
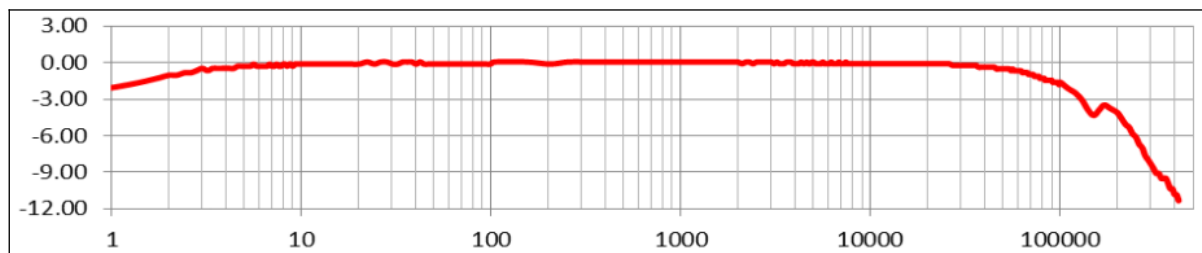
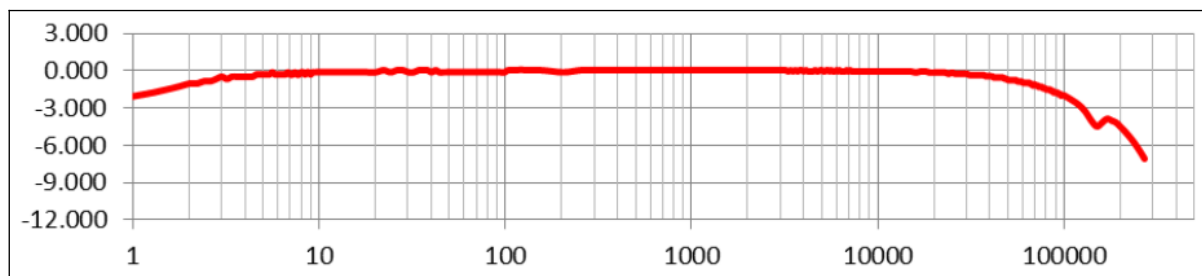


For PP amplifiers using 300B, EL34, KT88, 6L6 tubes, etc

- Oversized Hi-B grain-oriented FeSi dual C-core
- PP triode and ultralinear operation w. 40% UL taps
- Fully symmetrical low capacity dual bobbin coil construction
- Attractive black textured matte steel housing



Symb.	Parameter	Value	Unit	Remarks
Zp	Primary impedance	8000	Ω	
Zs	Secondary impedance	4 & 8	Ω	Optional 4-8-16 Ω (S-9B) w. equal performance
n	Turns ratio	44.72 / 31.62		For resp 4 and 8 Ohms
L	Primary inductance	220*	H	@10V RMS
FR	Frequency response (grounded secondary) -3dB	<5—128,000	Hz	Floating secondary provides even wider FR but not recommended**
Rgen	FR measured with Rgen	2x 820	Ω	W. Rgen of 2x 2.2k Ω bandwidth is 151,000 kHz
Fsat	Lowest full power frequency @ onset of saturation	20	Hz	@ 30 Watts rms
Rp	Primary winding resistance	141	Ω	
Rs	Secondary winding resistance	0.096 / 0.164	Ω	For resp 4 and 8 Ohms
Il	Insertion loss	0.19 / 0.18	dB	For resp 4 and 8 Ohms
Ll	Leakage inductance	10.2	mH	
Cs fl	Shunt capacitance (sec floating)	260	pF	
Cs gr	Shunt capacitance (sec grounded)	630	pF	

Measured frequency response 4 Ω - grounded secondaryMeasured frequency response 8 Ω - grounded secondary

Case 2

132X109X131 mm

Notes and disclaimers

* The given value of inductance refers to an ungapped core. We do introduce a very small air gap in push pull transformers to counteract the effects of imbalance induced by small differences in bias adjustment or the plate characteristics of the power tubes.

**Although even better frequency response can be obtained by letting the secondary windings float, we do recommend to connect the secondary winding common connection to chassis ground for safety reasons. The frequency response figures in this datasheet are measured with a grounded secondary.

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