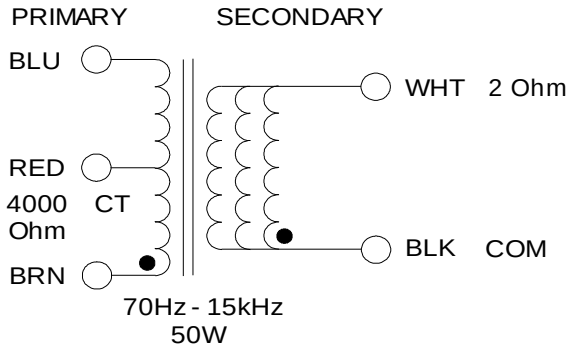
Hammond Mfg. Co. Ltd., Electronics Division

www.hammondmfg.com

1750K

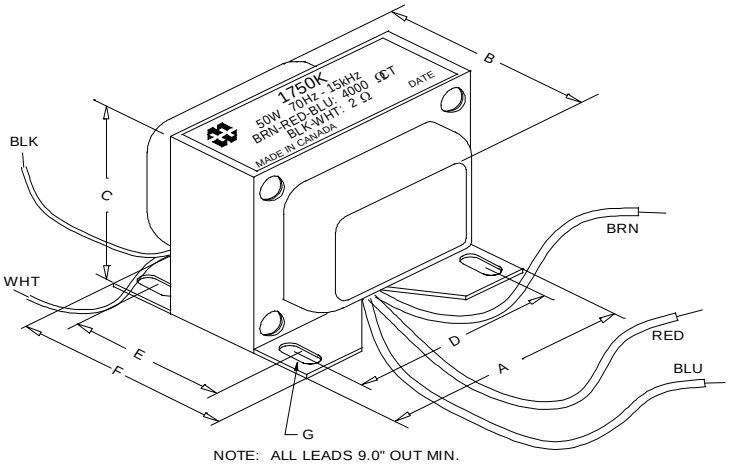
TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units.
- Constructed to look similar to original factory units (where possible).
- Material used & design specifications were kept as close as possible to the original part to preserve the stock "tone".
- Open style with minimum 9" long primary and secondary leads
- Frequency response 70Hz - 15KHz (0/-1.0dB reference @ 1KHz)
- Distortion is less than 1% @ 70Hz



ELECTRICAL SPECIFICATIONS	
Characteristics	**Typical**
Input Impedance	4000 Ohms
Output Impedance	2 Ohms
Output Power	50 W

DCR		
Primary Brown-Blue		89.43 Ohms
Secondary Black-White		0.180 Ohm
Inductance	**Impedance**	@ 1.0 kHz, 1.0 V OC
Primary Brown-Blue		12.5H / 81 KOhm
Leakage Inductance		@ 1.0 kHz, 1.0 V SC
Brown-Blue		3.34mH
Dielectric Strength		2000VRMS
Temperature Range		-40 to 105 degC



NOTE: ALL LEADS 9.0" OUT MIN.

Dimensions					
A	4.063" ±0.063	D	3.500" ±0.063	G	0.177" X 0.300" ±0.015
B	3.125" ±0.125	E	2.000" ±0.063		
C	3.453" ±0.063	F	2.560" ±0.063		

TEST CONDITIONS

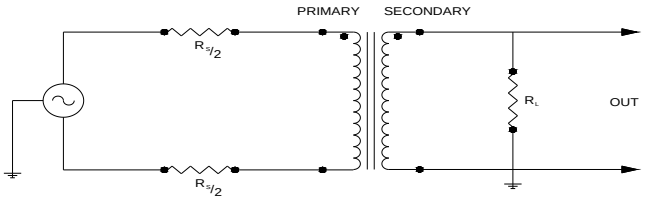
Measurement instruments:

D scope series iii audio analyzer	Keithley 2010 DVM
Wayne Kerr 3255B with a 3265B	Hp4192a impedance analyzer

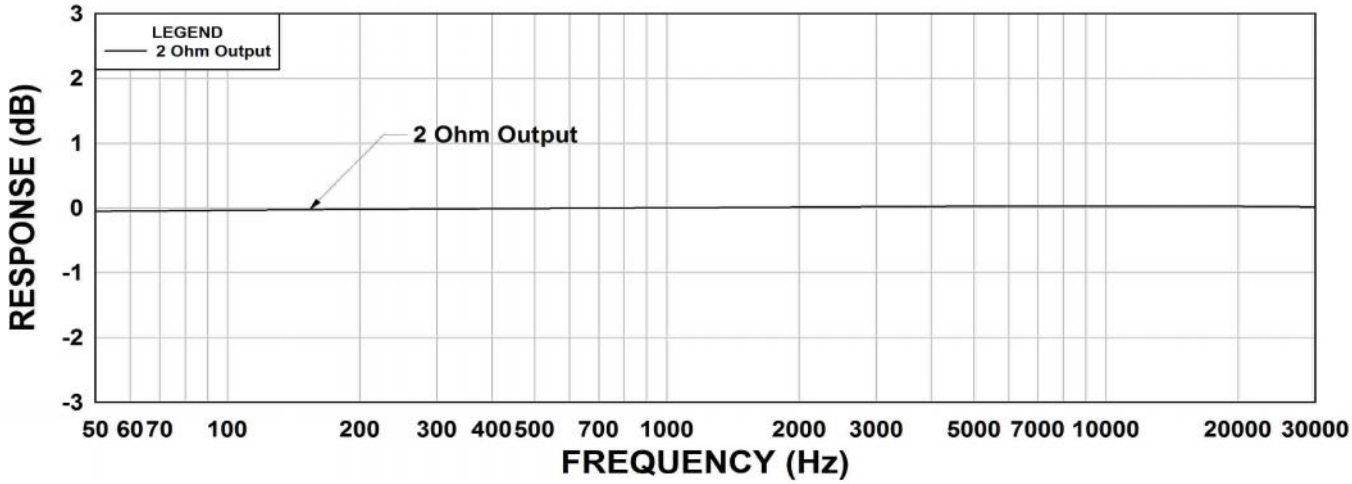
* All graphs input level 27dBu @1.0KHz reference.

**The results are typical and are subject to normal manufacturing and electrical tolerances.

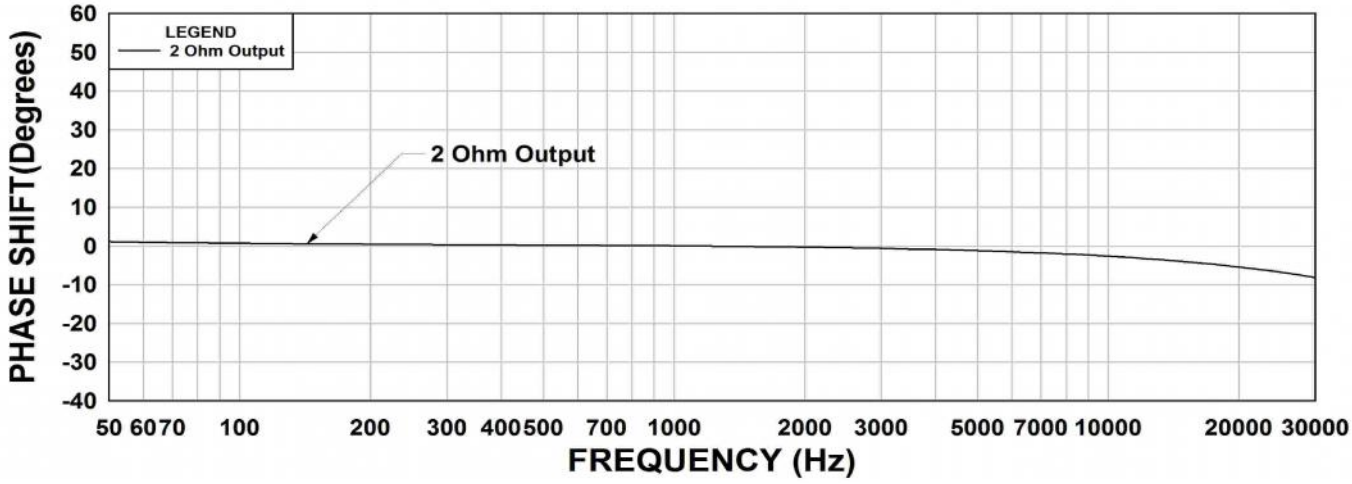
TYPICAL TEST CIRCUIT



1750K Frequency Response RS = 4K Ohm



1750K Phase Shift RS = 4K Ohm



1750K THD+N RS = 4K Ohm