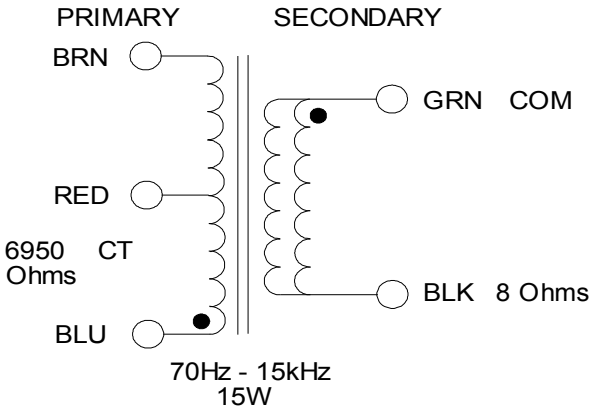
Hammond Mfg. Co. Ltd., Electronics Division

www.hammondmfg.com

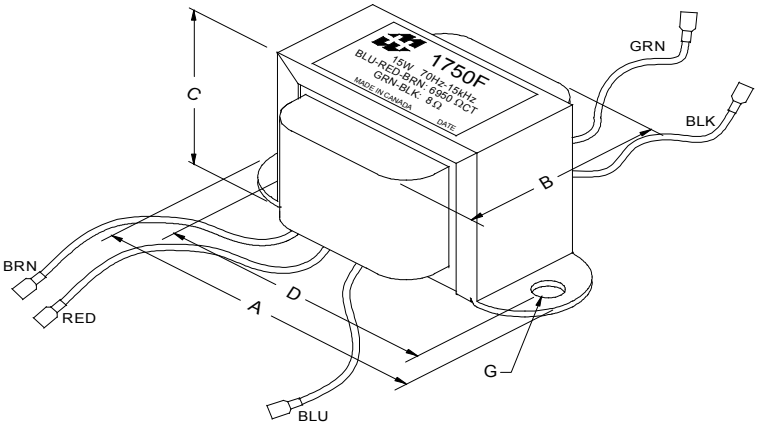
1750F

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 7" long primary and secondary leads
- Frequency response 70Hz - 15KHz (0/-1.5dB reference @ 1KHz)
- Distortion is less than 3% @ 70Hz



ELECTRICAL SPECIFICATIONS			
Characteristics		**Typical**	
Input Impedance		6950 Ohms	
Output Impedance		8 Ohms	
Output Power		15W	
DCR			
Primary Red-Brown		97.36 Ohms	
Primary Red-Blue		97.36 Ohms	
Secondary Black-Green		0.409 Ohm	
Inductance	**Impedance**	@ 1.0 kHz, 1.0 V OC	
Primary Blue-Brown		3.99H	24.8K Ohm
Secondary Black-Green		8.71mH	66.28 Ohm
Leakage Inductance		@ 1.0 kHz, 1.0 V SC	
Primary Blue-Brown		7.03mH	
Dielectric Strength		1500VRMS	
Temperature Range		-40 to 105 degC	



NOTE: ALL LEADS 7" OUT MIN.

Dimensions			
A	3.250" ±0.063	D	2.813" ±0.063
B	1.687" ±0.125	G	0.187" ±0.015
C	1.995" ±0.063		

TEST CONDITIONS

Measurement instruments:

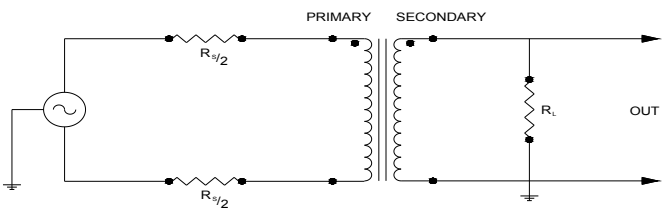
D scope series iii audio analyzer — Keithley 2010 DVM

Wayne Kerr 3255B with a 3265B — Hp4192a impedance analyzer

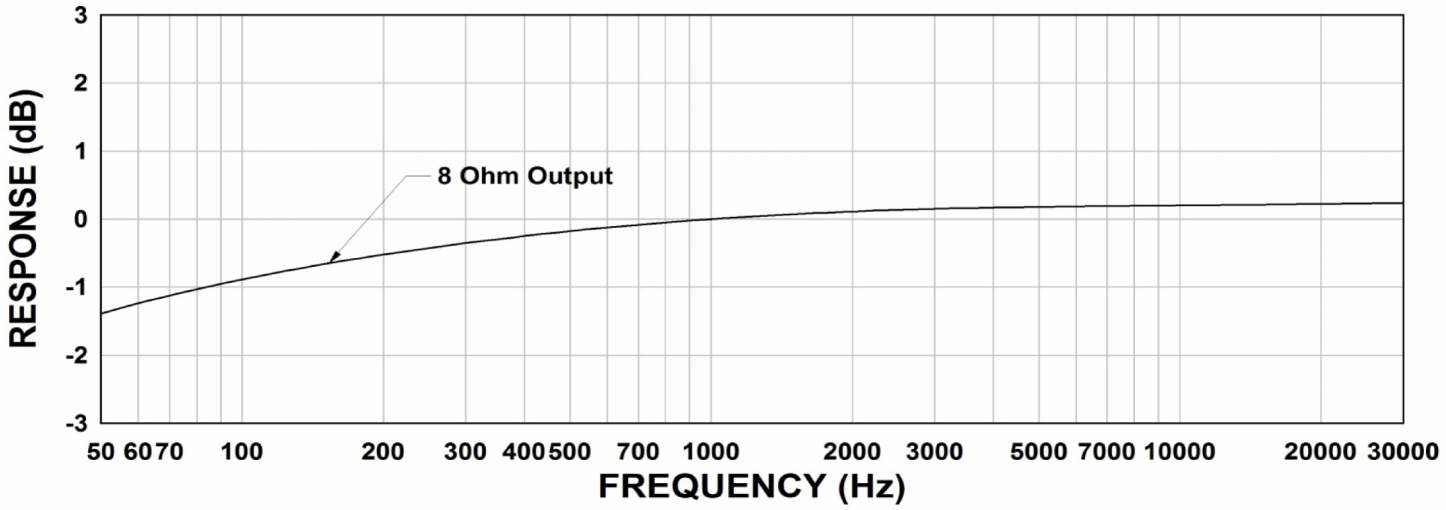
* All graphs input level 27dBu @1.0KHz reference.

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

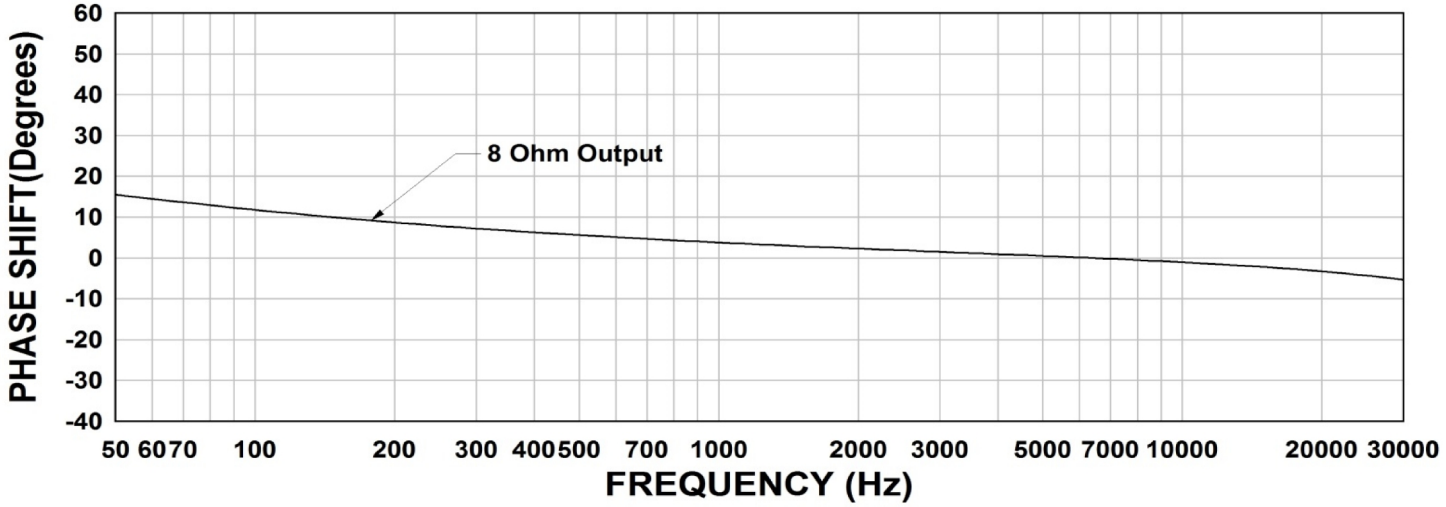
TYPICAL TEST CIRCUIT



1750F Frequency Response RS = 6950 Ohms RL = 8 Ohms



1750F Phase Shift RS = 6950 Ohms RL = 8 Ohms



1750F THD+N RS = 6950 Ohms RL = 8 Ohms