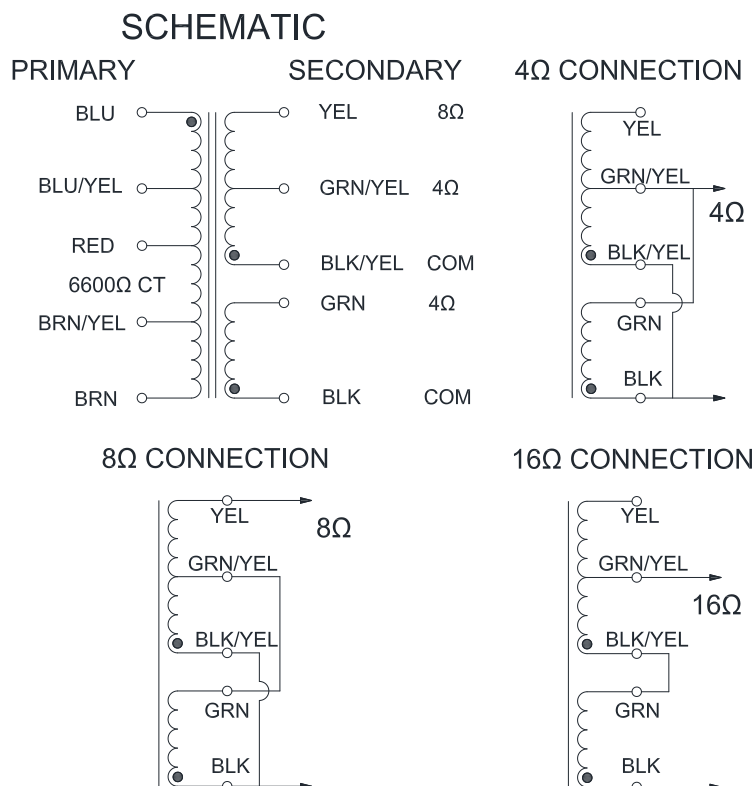


1650H

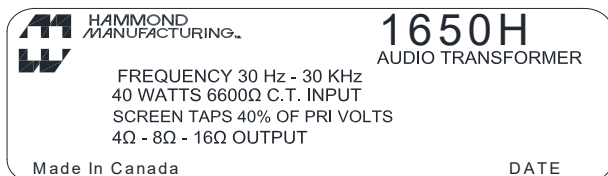
"CLASSIC" PUSH-PULL TUBE TYPE ULTRA-LINEAR OUTPUT TRANSFORMERS

- Designed for push-pull tube output circuits.
- Enclosed (shielded), 4 slot, above chassis Type "X" mounting.
- Frequency response 30 Hz. to 30 KHz. at full rated power (+/- 1 db max. - ref. 1 KHz) minimum.
- Insulated flexible leads 8" min.
- Manufactured with plastic coil forms for coil support and insulation.
- Typical applications - Push-Pull: triode, Ultra-Linear pentode, pentode and tetrode connected audio output.
- Due to the unique interleaving of the windings BOTH secondary windings must be engaged to meet specifications (see hook-up diagrams below).
- Suggested tube types: 6L6GC, 807, 5881, EL34

ELECTRICAL SPECIFICATIONS		
Characteristic	Typical	
Input Impedance	6600 Ohms	
Output Impedance	4, 8 & 16 Ohms	
Output Power	40 Watts	
DCR		
Primary Brown-Red	68.0 Ohms	
Primary Red-Blue	77.0 Ohms	
Secondary Black-Green	0.160 Ohm	
Secondary Black/Yel-Yel	0.272 Ohm	
Inductance Impedance	@ 60Hz, 10.0V OC	
Primary Brown-Red	245H	108KOhm
Leakage Inductance	@ 60Hz, 10.0V SC	
Primary Brown-Red	10.60mH	
Dielectric Strength	2000Vrms	
Temperature Range	-40 To 105°C	

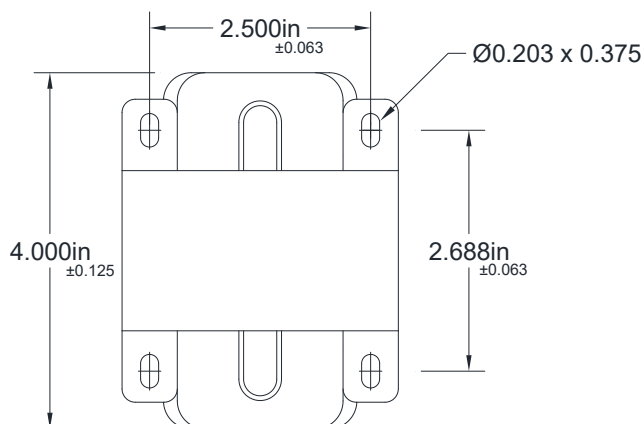
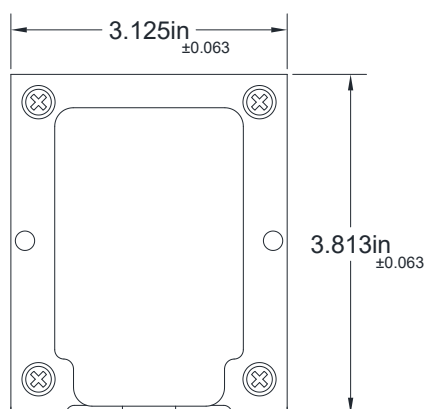
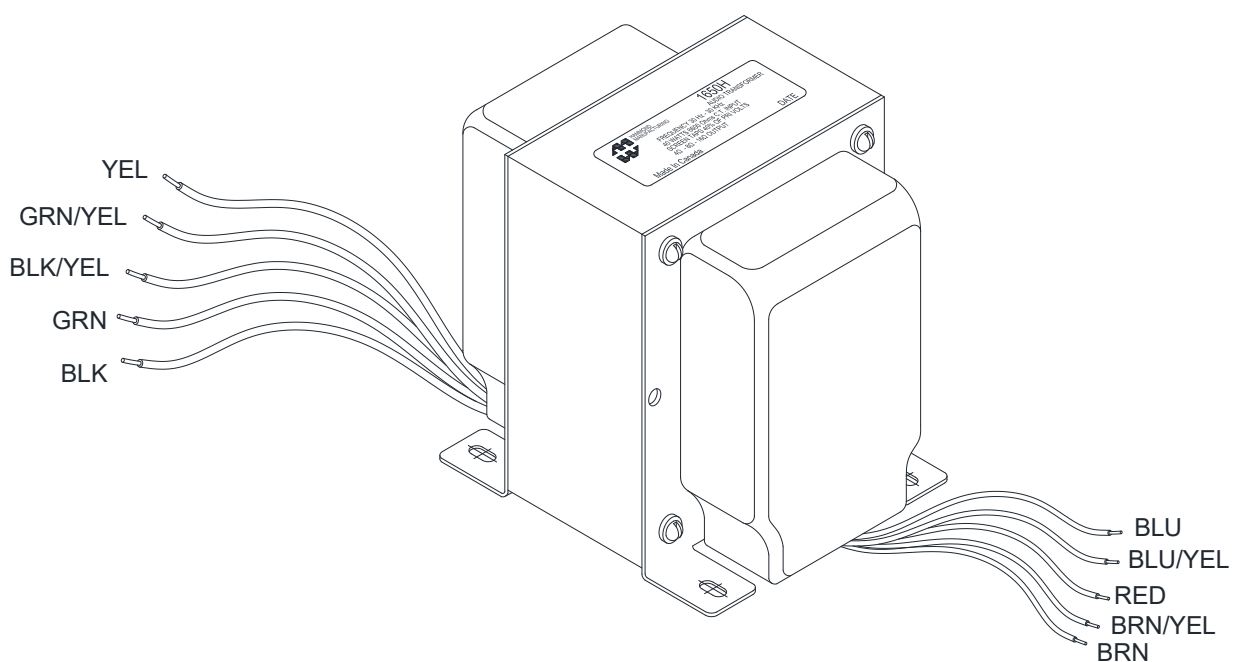


LABEL:



Note: The above examples of possible combinations are to help you narrow down the choices of transformers for your favorite tube types. How you operate the tubes (push-pull, push-pull parallel, ultra-linear, class, B+, bias, operating points, etc.) will change optimum plate to plate load 4040 watts manufacturer's technical data sheets should be consulted first, before making a decision on a proper output transformer.

DIMENSIONAL DETAILS:



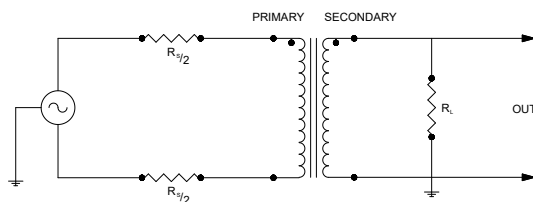
TEST CONDITIONS

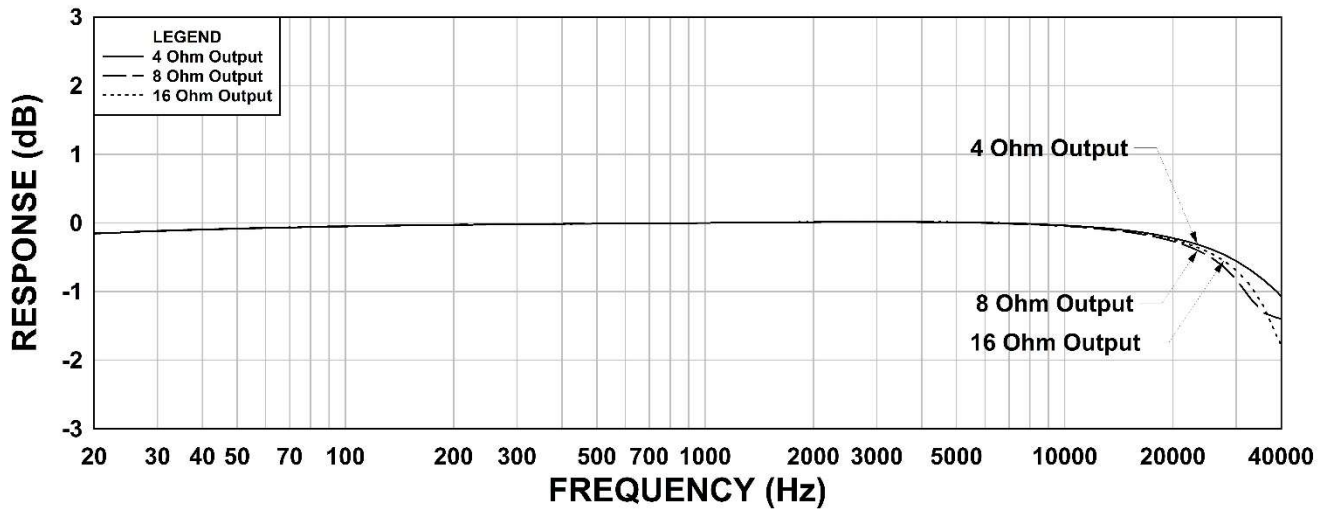
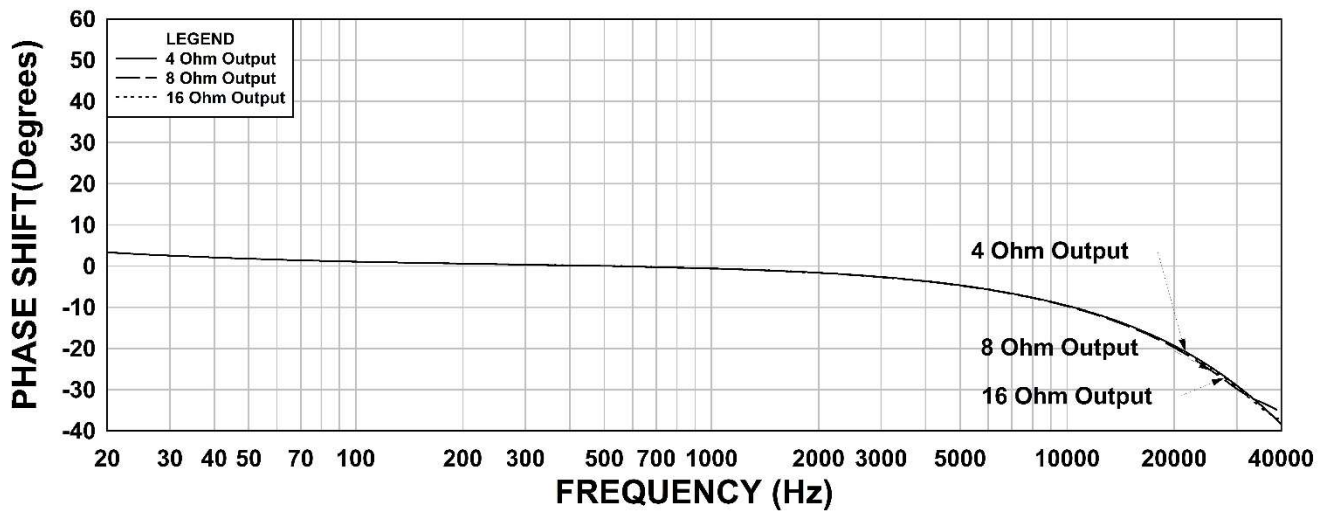
Measurement Instruments:
 dScope Series III Audio Analyzer
 Wayne Kerr 3255B with a 3265B Inductance Analyzer
 HP 4192a LF Impedance Analyzer
 Keithley 2010 DVM

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

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

TYPICAL TEST CIRCUIT



1650H Frequency Response RS = 6600 Ohms**1650H Phase Shift RS = 6600 Ohms****1650H THD+N RS = 6600 Ohms**