Hammond Mfg. Co. Ltd., Electronics Division

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BIK

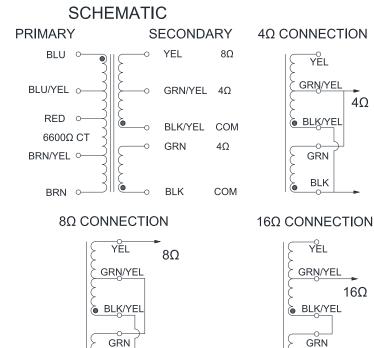


## 1650P

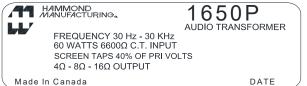
## "CLASSIC" PUSH-PULL TUBE TYPE ULTRA-LINEAR OUTPUT TRANSFORMERS

- 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 (+/- 2 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, 6146B, 6550B, KT88

	ELECTRICAL SPECIFICATIONS			
	Typical		Characteristic	
ווסס	6600 Ohms		Input Impedance	
PRI	4, 8 & 16 Ohms		Output Impedance	
	60 Watts		Output Power	
BL			DCR	
	160.5 Ohms		Primary Blue-Brown	
	0.230 Ohm		Secondary Black-Green	
	0.370 Ohm		Secondary Black/Yel-Yel	
BF				
	@ 60Hz, 10.0V OC		Inductance   Impedance	
	145KOhm	305H	Primary Brown-Red	
			Leakage Inductance	
	@ 60Hz, 10.0V SC 11.8mH		•	
	011111	11.0	Primary Brown-Red	
	2000Vrms		Dielectric Strength	
	-40 To 105°C		Temperature Range	



## LABEL:



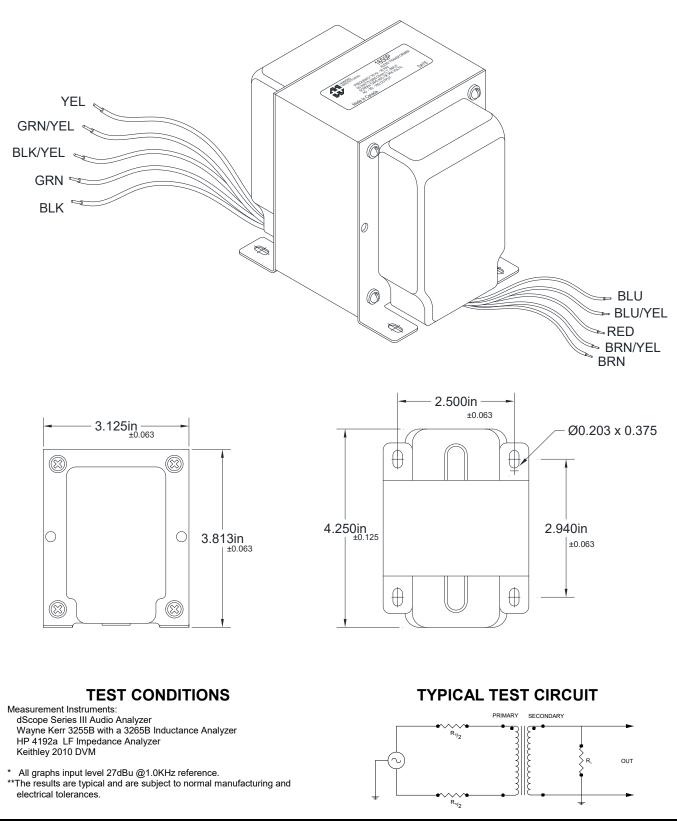
Note: The above examples of possible combinations are to help you narrow down the choices of transformers for your favorite tube types. How you operate the tubes (push-pull, push-pull parallel, ultra-linear, class, B+, bias, operating points, etc.) will change optimum plate to plate load impedance. Only a few of the most popular tubes are shown. As more tubes become available we will add them to the list. A tube manual or tube manufacturer's technical data sheets should be consulted first, before making a decision on a proper output transformer.

BLK

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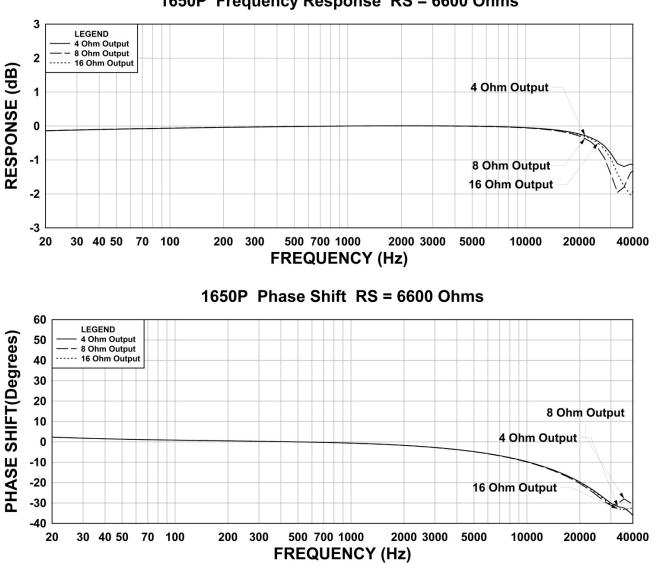
## **DIMENSIONAL DETAILS:**

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1650P Frequency Response RS = 6600 Ohms



