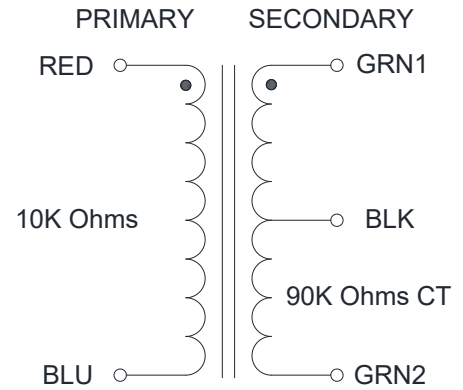



124 Series
Tube Driver – Interstage Transformer

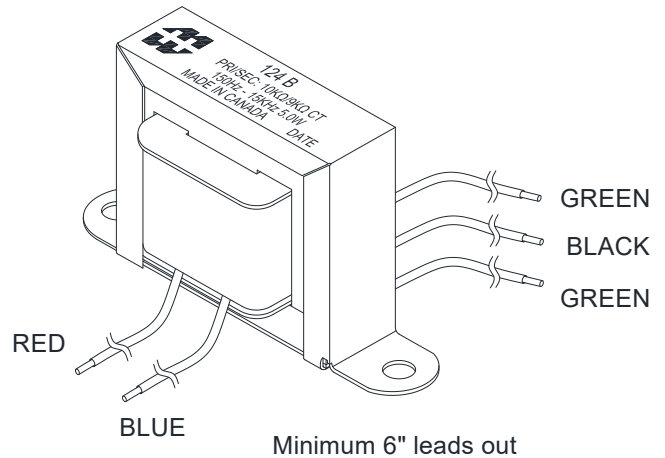
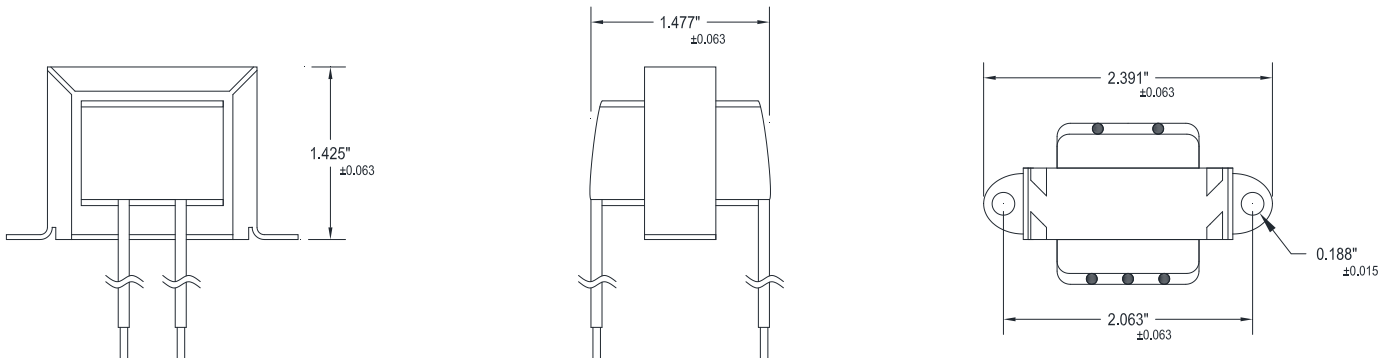
124B

Features:

- Designed for general purpose or replacement use in push-pull or phase inverter tube driver circuits.
- Frequency response 150Hz-15KHz (+1/-3dB) @1KHz reference.
- Unit has no gap for DC bias current present in SE mode. Not recommended for single ended applications.
- Open style with minimum 6" long leads out.
- 49% Nickel laminations for greater fidelity compared to 124A with grain-oriented steel.
- Available in coil-only configuration for enthusiasts' own choice of lamination (model 124C)
- Weight: 5.9 oz.

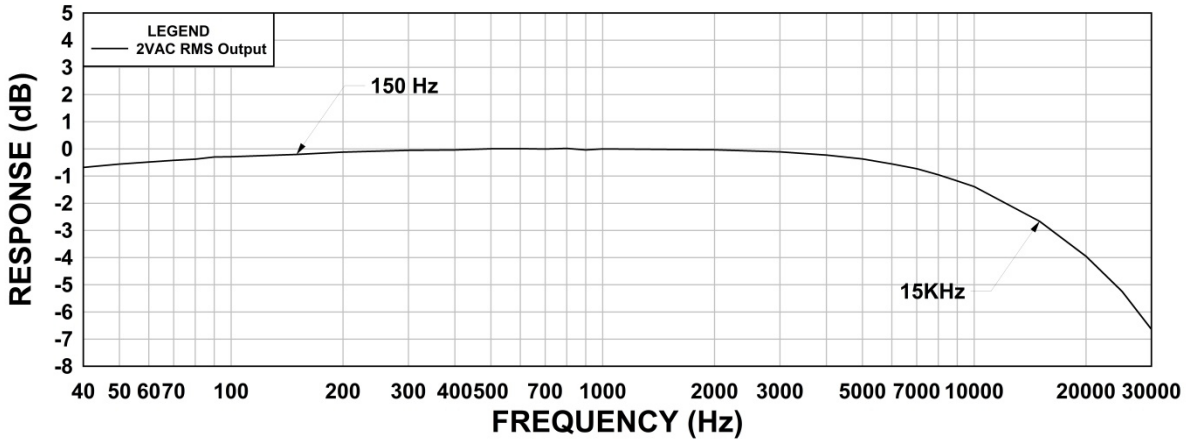
SCHEMATIC

ELECTRICAL SPECIFICATIONS

Characteristics	Typical
Input Impedance	10K Ohms
Output Impedance	90 KOhms CT
Output Power	5W
DCR RED-BLUE	405 Ohms ±20%
DCR GRN1-GRN2	1525 Ohms ±20%
Dielectric Strength	500V RMS
Temperature Range	up to 105 degC
Inductance Impedance	@ 150 Hz, 2.0 V OC
PRI RED-BLUE	65.38H 71.46 KOhms
Leakage Inductance	@ 150 Hz, 2.0 V SC
PRI RED-BLUE	37.4mH


DIMENSIONAL DETAILS:


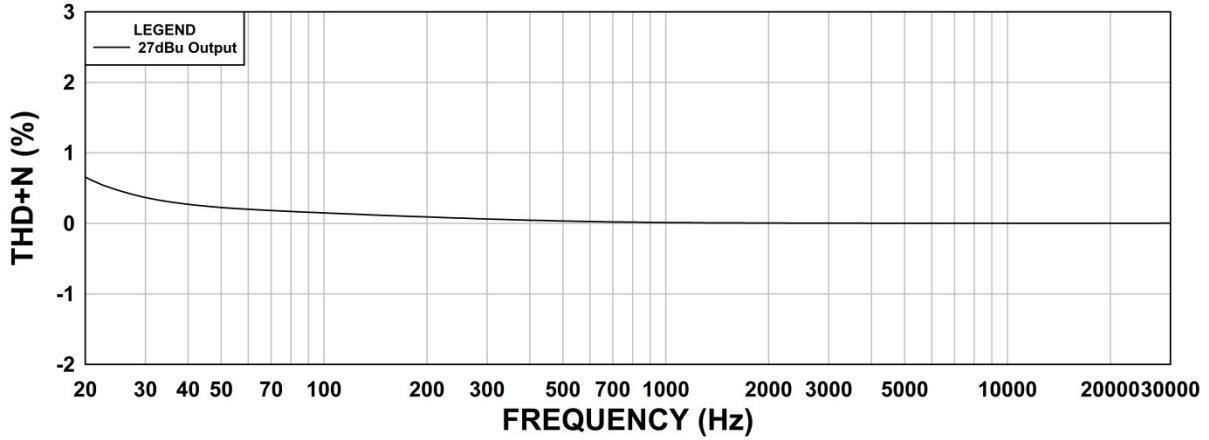
PERFORMANCE GRAPHS:

124B Frequency Response
RS = 10KOhms RL = 90KOhms @ 1KHz Reference



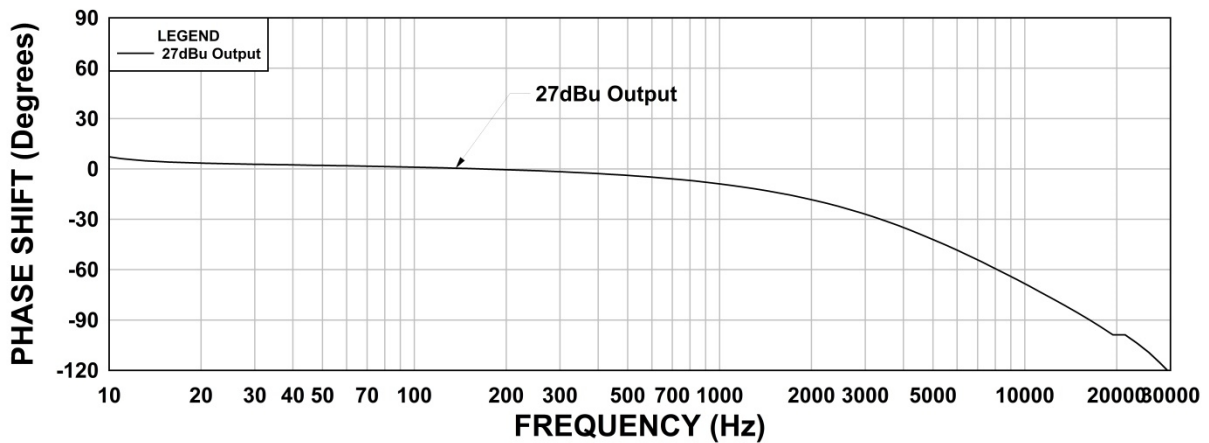
124B THD+N

RS = 10KOhms RL = 90KOhms @ 1KHz Reference



124B Phase Shift

RS = 10KOhms RL = 90KOhms @ 1KHz Reference



MEASUREMENT INSTRUMENTS

- dScope Series III Audio Analyzer (THD+N & Phase Shift Graphs)
- Wayne Kerr 3255B with a 3265B Inductance Analyzer
- Voltech AT5600 Wound Component Tester (Frequency Response Graph)
- HP 4192a LF Impedance Analyzer
- Keithley 2010 DVM

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

TEST CONDITIONS

