

# 124B

TUBE DRIVER - INTERSTAGE TRANSFORMER

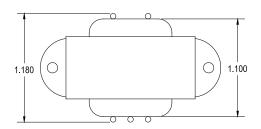
This transformer operates in the 150 Hz to 15 KHz range. Designed for general purpose or replacement use in single ended or phase inverter tube driver circuits

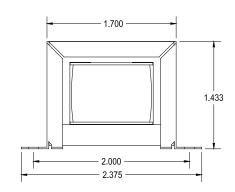
Open style, 2 point mount with minimum 5" long leads

Core material 49% Nickel Steel laminations for better low end response.

# **ELECTRICAL SPECIFICATIONS**

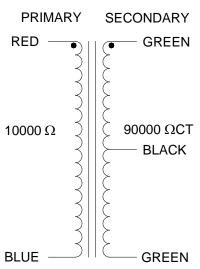
<u>Characteristic</u>	<u>Typical</u>
Input Impedance	10,000 Ω
Output Impedance	90,000 ΩCT
Output Power	5.0 Watts
DCR	
Primary	405 Ω
Secondary	1525 Ω
Inductance	@ 1.0 kHz, 1.0 V OC
Primary	28 H
Secondary	108 H
Leakage Inductance	0.11 H
Impedance	@ 1.0 kHz, 1.0 V OC
Primary	175 kΩ
Secondary	675 kΩ
Frequency Response	±1db from 150Hz to 15KHz
Turns ratio	1:3
Dielectric Strength	500 Vrms



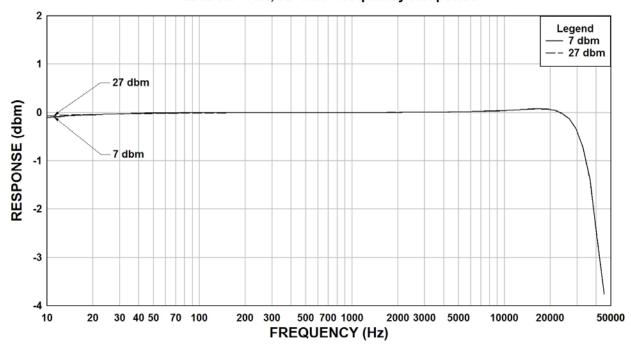


124B
5W 20Hz - 20kHz
RED - BLU: 10000Ω
GRN - BLK - GRN: 90000ΩCT
MADE IN CANADA

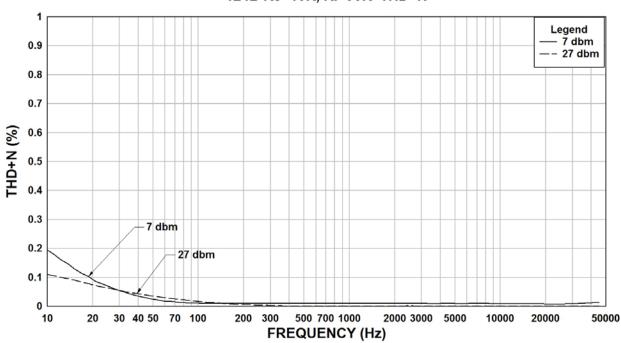
## SCHEMATIC DIAGRAM



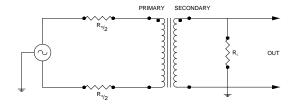
## 124B Rs=10K, RI=90K Frequency Response



## 124B Rs=10K, RI=90K THD+N



TYPICAL TEST CIRCUIT



Measurement instruments Hp4192a impedance analyzer Hp3456a DVM Keithley 2002 DVM D scope series iii audio analyzer

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