

124A

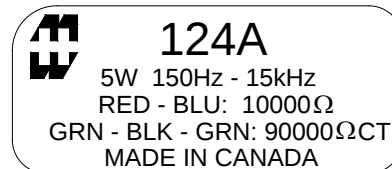
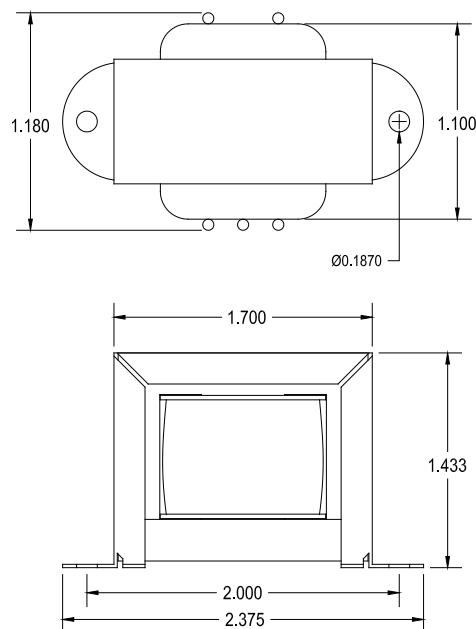
TUBE DRIVER - INTERSTAGE TRANSFORMER

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

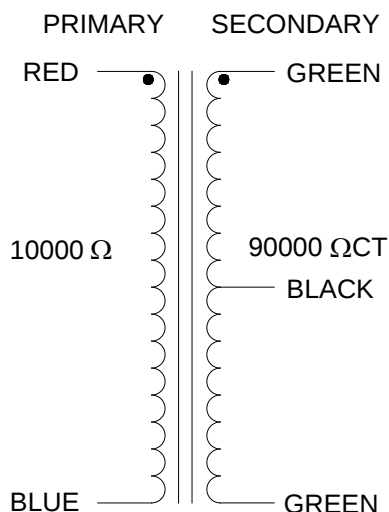
Open style, 2 point mount with minimum 5" long leads
Core material Grain Oriented Silicone Steel laminations

ELECTRICAL SPECIFICATIONS

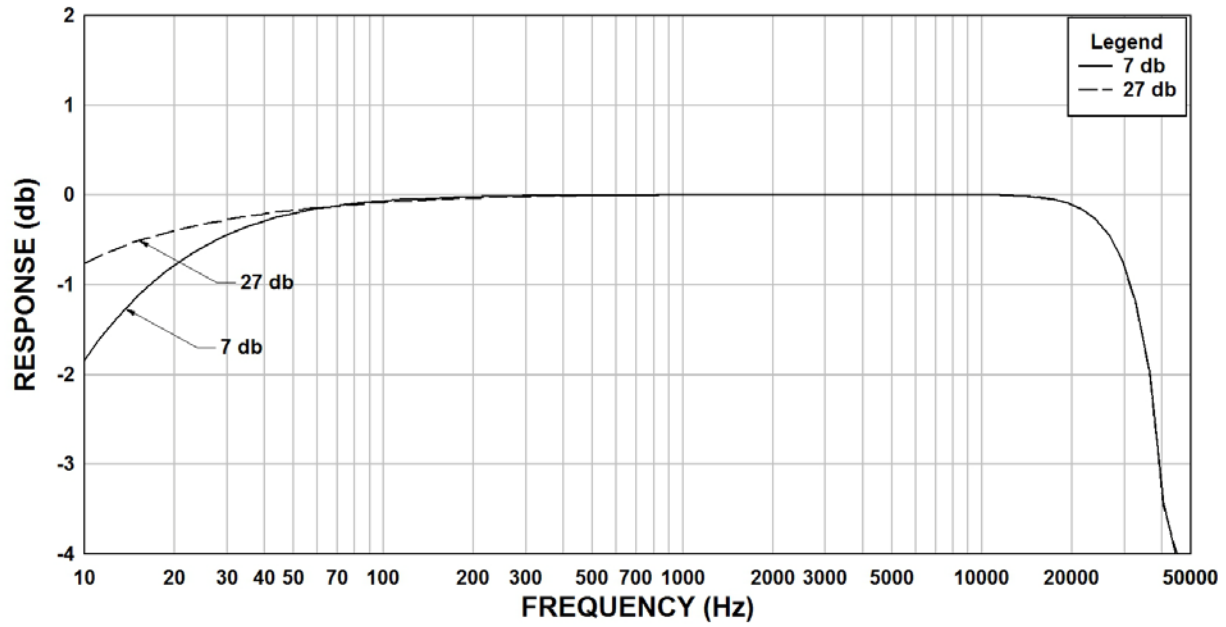
Characteristic	Typical
Input Impedance	10,000 Ω
Output Impedance	90,000 Ω CT
Output Power	5.0 Watts
DCR	
Primary	405 Ω
Secondary	1525 Ω
Inductance	@ 1.0 kHz, 1.0 V OC
Primary	6.3 H
Secondary	50.5 H
Leakage Inductance	0.11 H
Impedance	@ 1.0 kHz, 1.0 V OC
Primary	40 k Ω
Secondary	320 k Ω
Frequency Response	± 1 db from 150Hz to 15Hz
Turns ratio	1:3
Dielectric Strength	500 Vrms



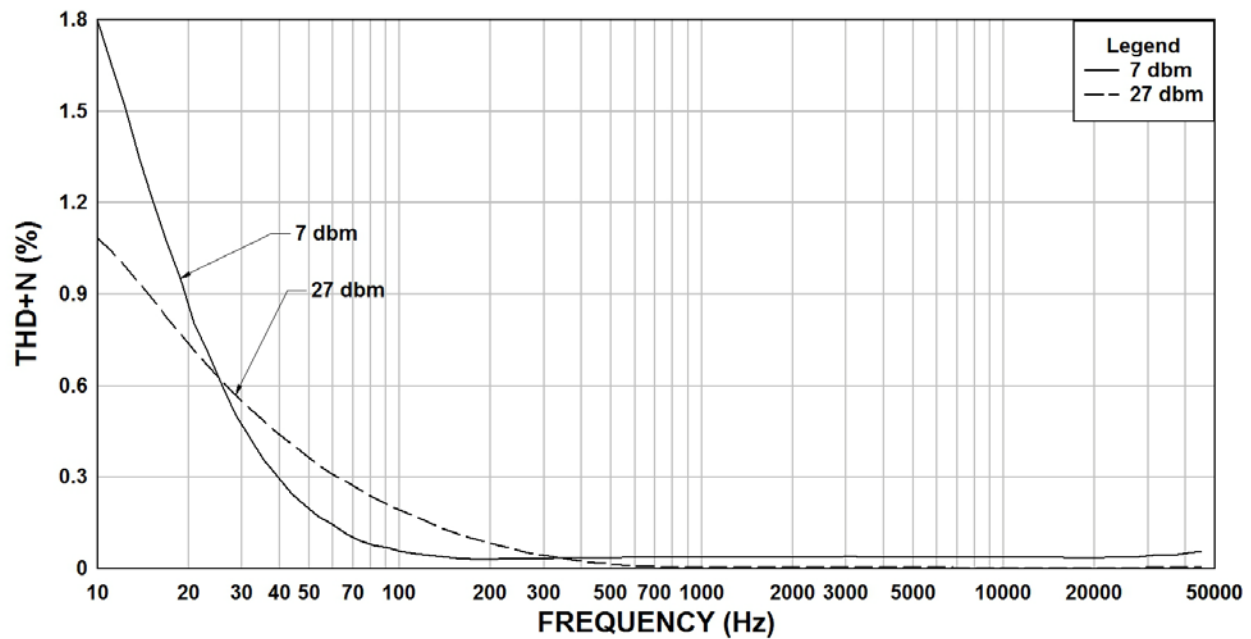
SCHEMATIC DIAGRAM



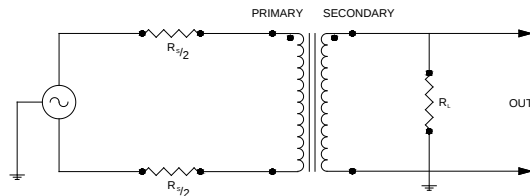
124A Rs=10K, RI=90K Frequency Response



124A 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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