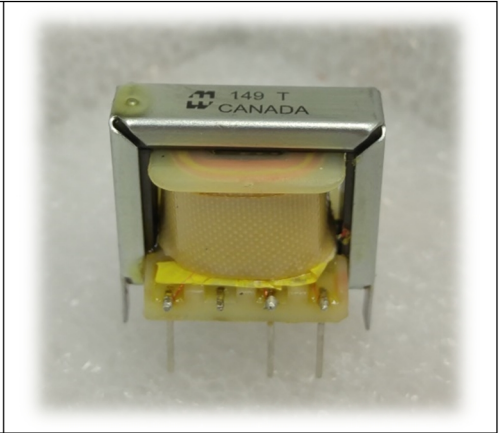



149 Series
PC Board Mount Audio Transformers

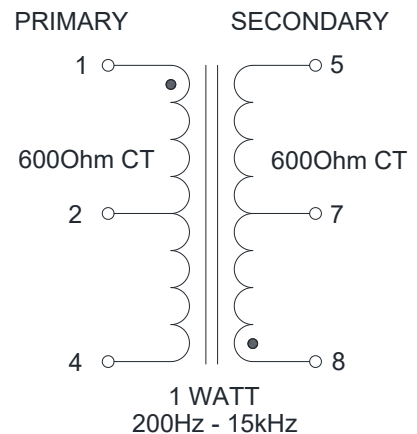
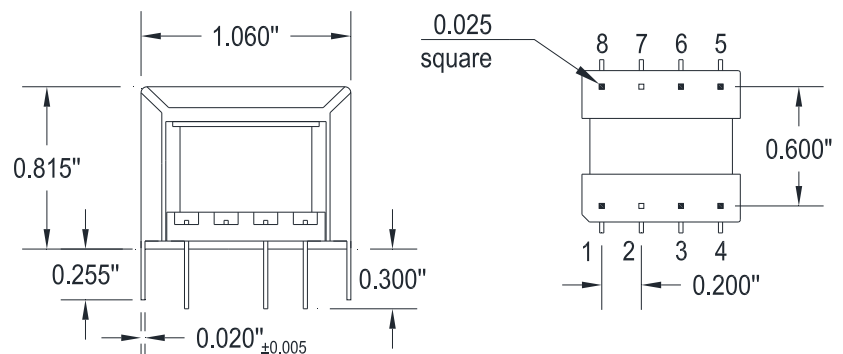
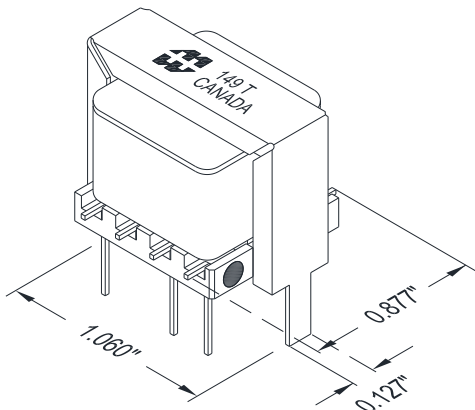
149T

Features:

- Pin type (0.300" length & 0.025" square), P.C. board mount.
- Economical, open type, horizontal bracket construction.
- Includes clinching lugs for extra mounting strength.
- Frequency response 200 Hz. - 15 KHz. (+/- 1 db, ref. @ 1 KHz.).
- Total distortion approximately 2% for drivers and 1% for outputs at 200 Hz., decreasing at higher frequencies.
- Bifilar wound for balanced capacitive and resistance characteristics, on pin bobbins for standard 0.2" grid pin spacing.
- Weight: 0.6 oz.


ELECTRICAL SPECIFICATIONS

Characteristics	Typical
Input Impedance	600 Ohms CT
Output Impedance	600 Ohms CT
Output power	1.0 Watt
DCR 1 - 4	49.2 Ohms
DCR 1 - 8	65.4 Ohms
Dielectric Strength	250VRMS
Temperature Range	-40 to 105 degC
Inductance Impedance	@ 1.0 KHz, 1.0 V OC
1 - 4	814.5mH 5.795K Ohm
5 - 8	815.0mH 5.800K Ohm
Leakage Inductance	@ 1.0 KHz, 1.0 V SC
1 - 4	4.24mH

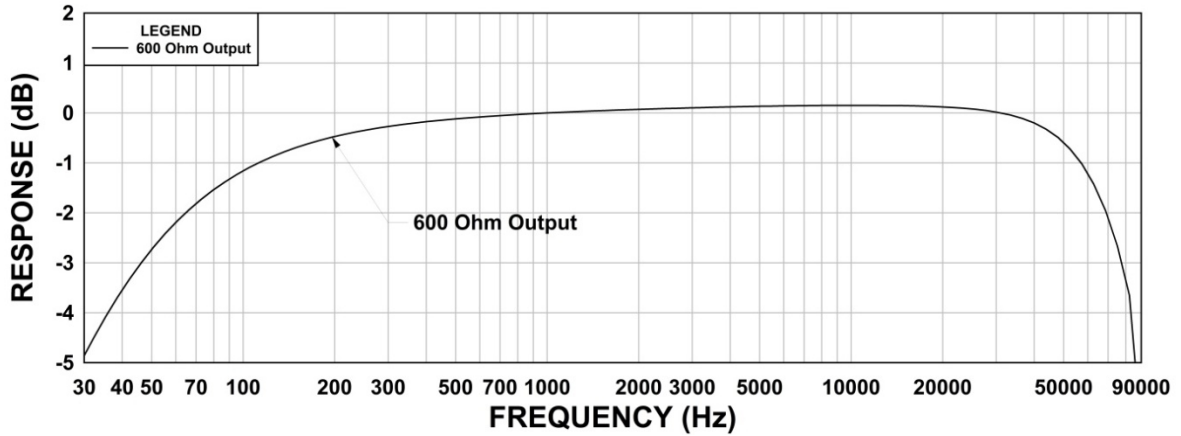
SCHEMATIC

DIMENSIONAL DETAILS:


*Dimensional tolerance 0.063" unless specified.

PERFORMANCE GRAPHS:

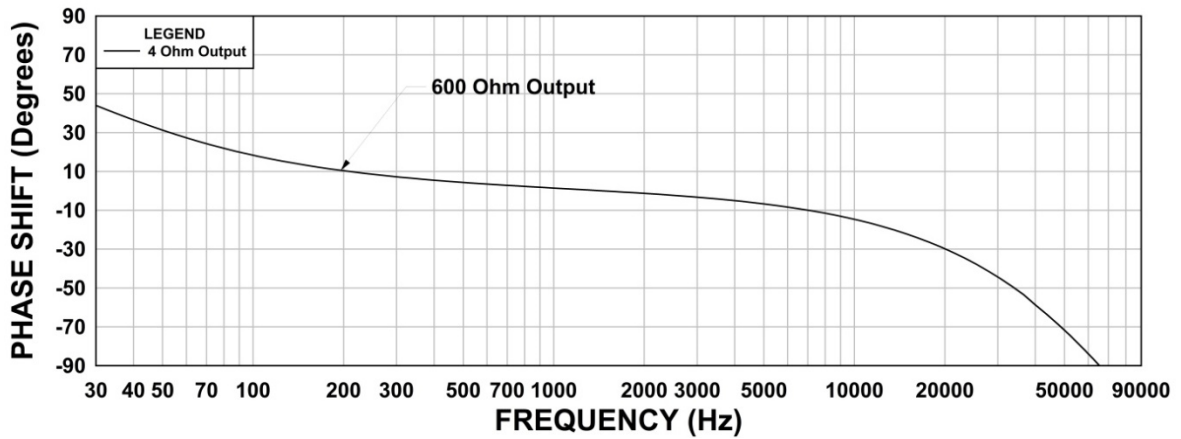
149T Frequency Response RS = 600 Ohms RL = 600 Ohms

Source Input: 10dBu @ 1KHz Reference



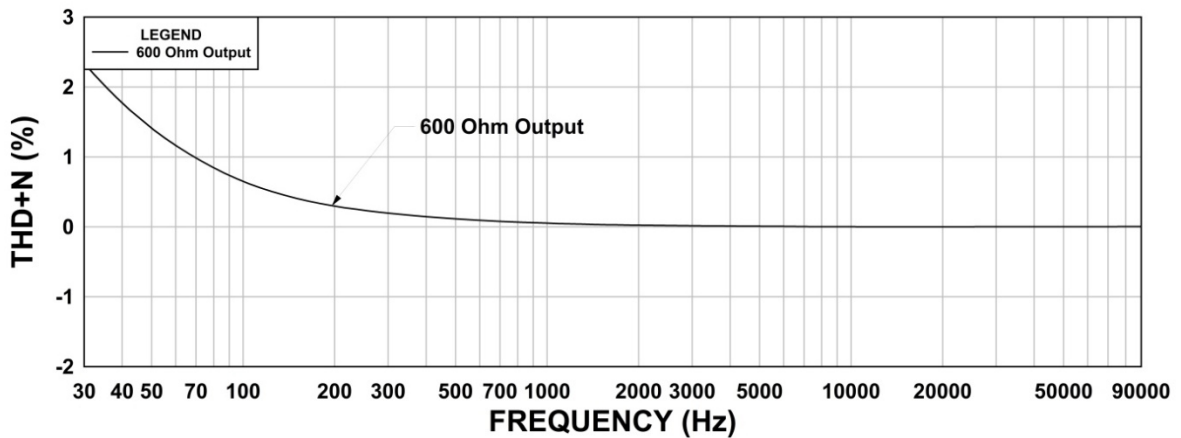
149T Phase Shift RS = 600 Ohm RL = 600 Ohm

Source Input: 10dBu @ 1KHz Reference



149T THD+N RS = 600 Ohm RL = 600 Ohm

Source Input: 10dBu @ 1KHz Reference



MEASUREMENT INSTRUMENTS	TEST CONDITIONS
<ul style="list-style-type: none"> dScope Series III Audio Analyzer Wayne Kerr 3255B with a 3265B Inductance Analyzer HP 4192a LF Impedance Analyzer Keithley 2010 DVM 	
<p>**The results are typical and are subject to normal manufacturing and electrical tolerances.</p>	