

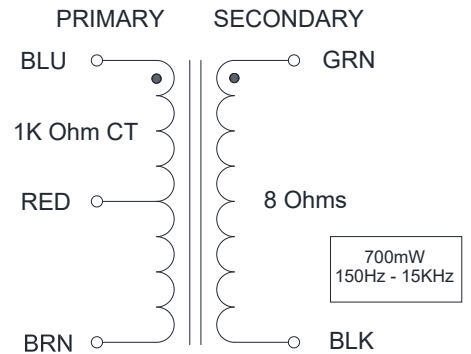

**146 Series**
**Chassis Mount Audio Transformers**

# 146K

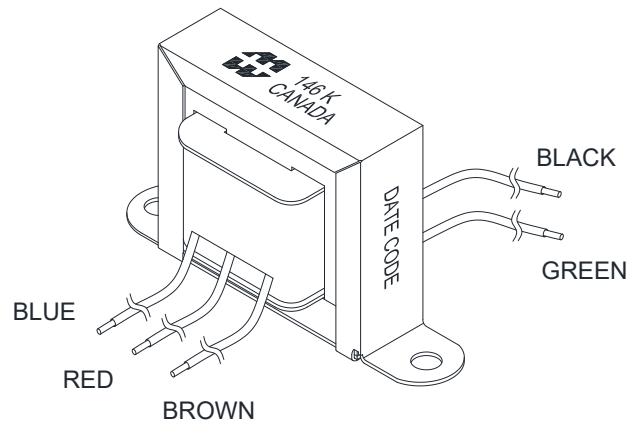
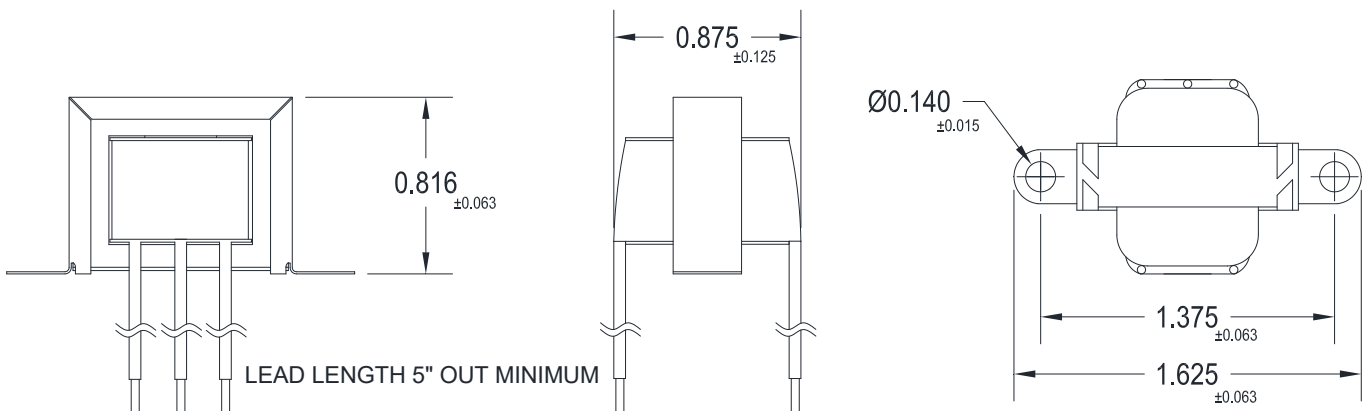
**Features:**

- Small, economical, open, two-hole horizontal bracket mount.
- Insulated and color-coded flexible leads 5" long minimum
- Frequency response 150 Hz. to 15 KHz. (+/- 1 dB, reference 1 KHz.)
- Weight: 1.3 oz.

*Note: When operating at impedances below nominal, power capability and the frequency spectrum are proportionately lower, conversely, at higher impedances power capability and frequency spectrum will be proportionately higher.*

**SCHEMATIC**

**ELECTRICAL SPECIFICATIONS**

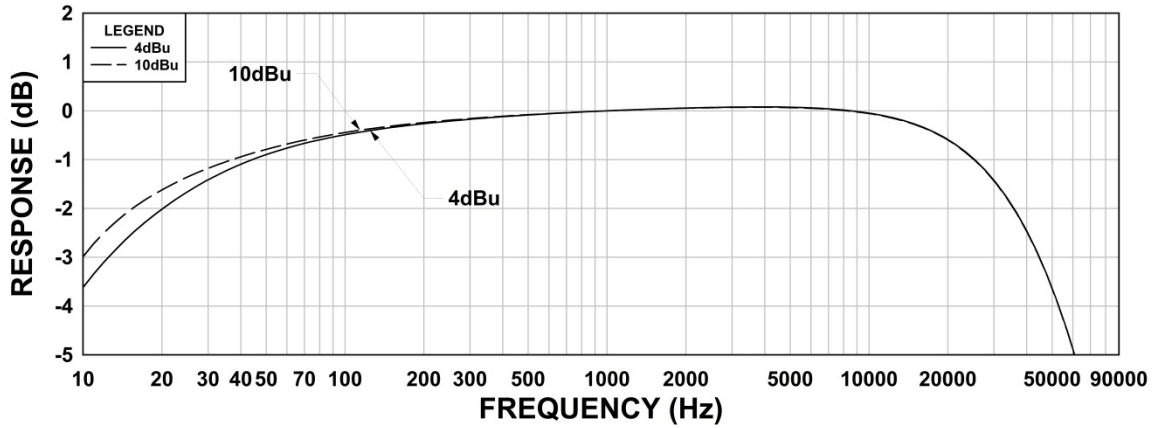
Characteristics	Typical
Input Impedance	1K Ohms CT
Output Impedance	8 Ohms
Output Power	700 mW
DCR Blue-Brown	56.00 Ohms
DCR Black-Green	0.700 Ohms
Dielectric Strength	500V RMS
Temperature Range	-40 to 105 degC
<b>Inductance   Impedance</b>	@ 150 Hz, 5.0 V OC
Blue-Brown	4.636H   5.57K Ohms
<b>Leakage Inductance</b>	@ 150 Hz, 5.0 V SC
Blue-Brown	9.43mH


**DIMENSIONAL DETAILS:**


**PERFORMANCE GRAPHS:**

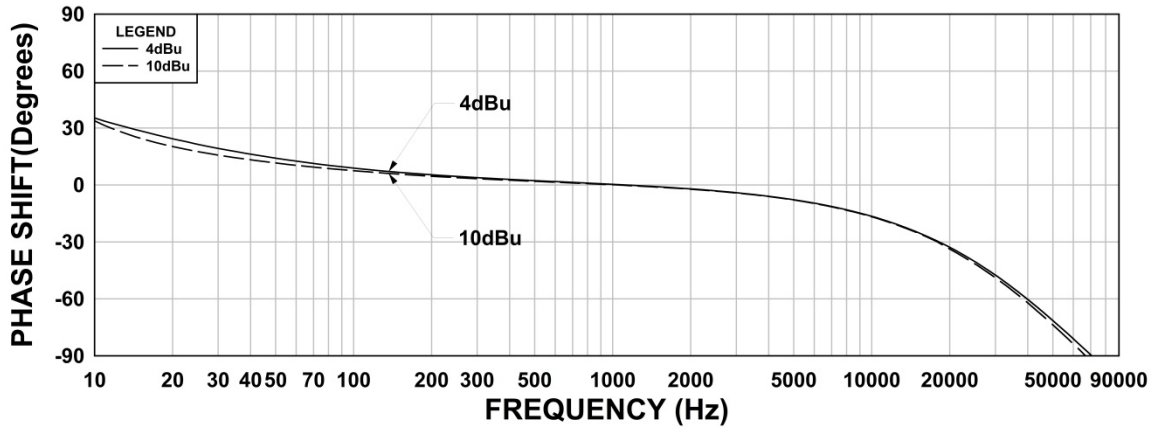
**146K Frequency Response**

RS = 1K Ohm RL = 8 Ohm @ 1KHz Reference



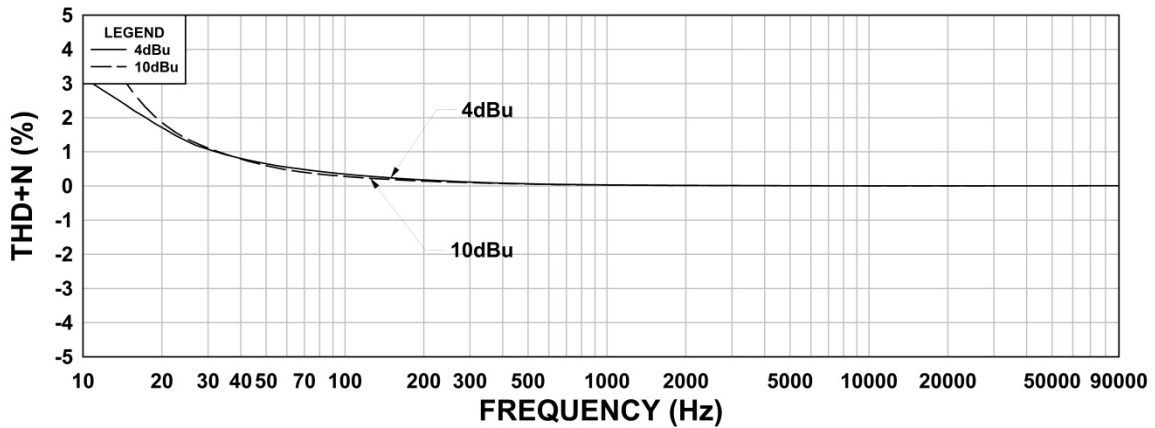
**146K Phase Shift**

RS = 1K Ohm RL = 8 Ohm @ 1KHz Reference



**146K THD+N**

RS = 1K Ohm RL = 8 Ohm @ 1KHz Reference



**MEASUREMENT INSTRUMENTS**

- dScope Series III Audio Analyzer
- Wayne Kerr 3255B with a 3265B Inductance Analyzer
- HP 4192a LF Impedance Analyzer
- Keithley 2010 DVM

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

**TEST CONDITIONS**

