

146 Series

Chassis Mount Audio Transformers

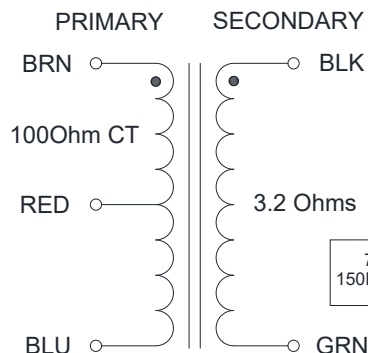
146D

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.

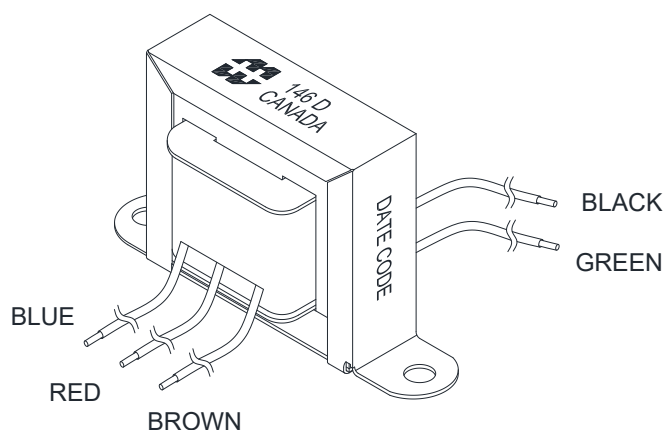
Note: When operating at impedances below nominal, power capability and the frequency spectrum are proportionately lower, conversely, at higher impedances power capability and frequency spectrum will be proportionately higher.

SCHEMATIC

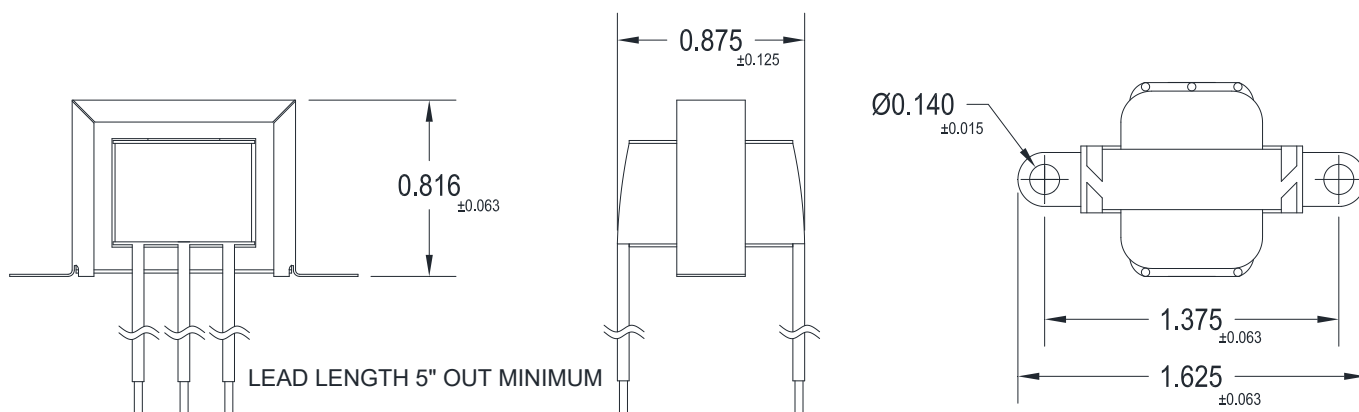


ELECTRICAL SPECIFICATIONS

Characteristics	Typical	
Input Impedance	100 Ohms CT	
Output Impedance	3.2 Ohms	
Output Power	700 mW	
DCR Blue-Brown	4.583 Ohms	
DCR Black-Green	0.288 Ohms	
Dielectric Strength	500V RMS	
Temperature Range	-40 to 105 degC	
Inductance Impedance	@ 150 Hz, 5.0 V OC	
Blue-Brown	634.6mH	775.4 Ohm
Leakage Inductance	@ 150 Hz, 5.0 V SC	
Blue-Brown	945uH	



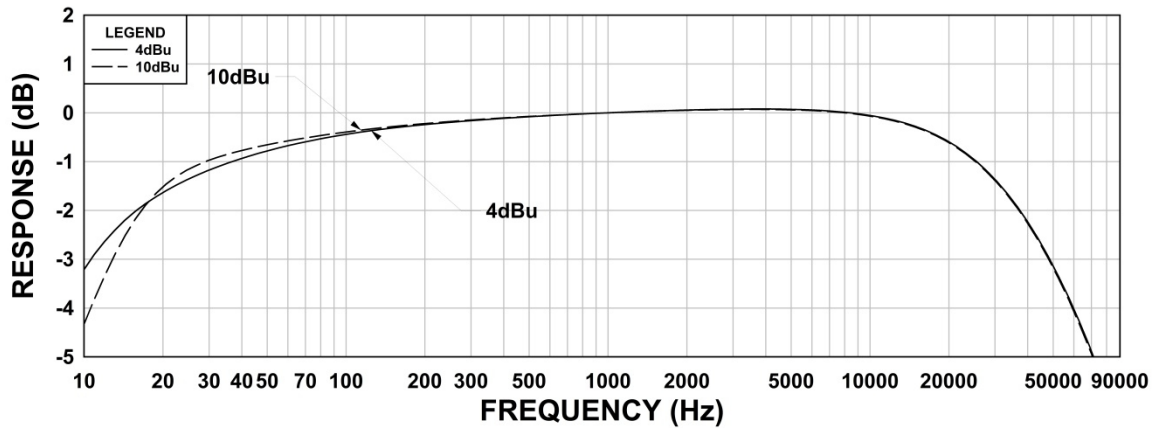
DIMENSIONAL DETAILS:



PERFORMANCE GRAPHS:

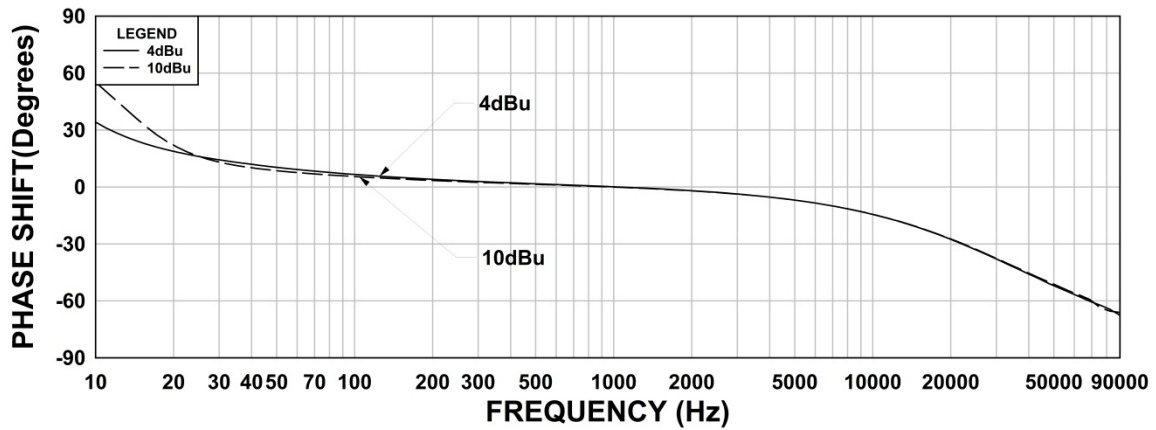
146D Frequency Response

RS = 100 Ohms RL = 3.2 Ohms @ 1KHz Reference



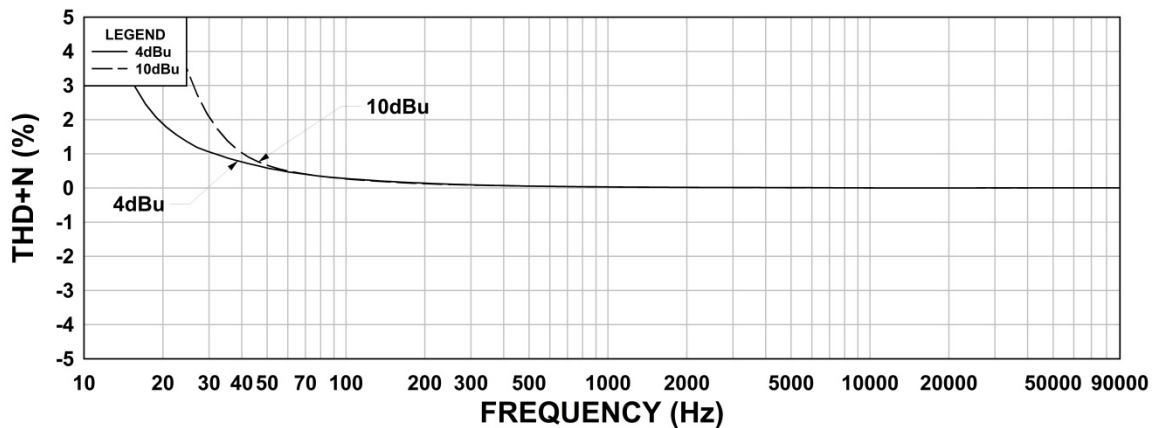
146D Phase Shift

RS = 100 Ohms RL = 3.2 Ohms @ 1KHz Reference



146D THD+N

RS = 100 Ohms RL = 3.2 Ohms @ 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

