

146 Series

Chassis Mount Audio Transformers

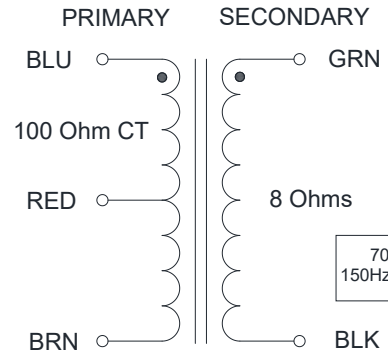
146E

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.

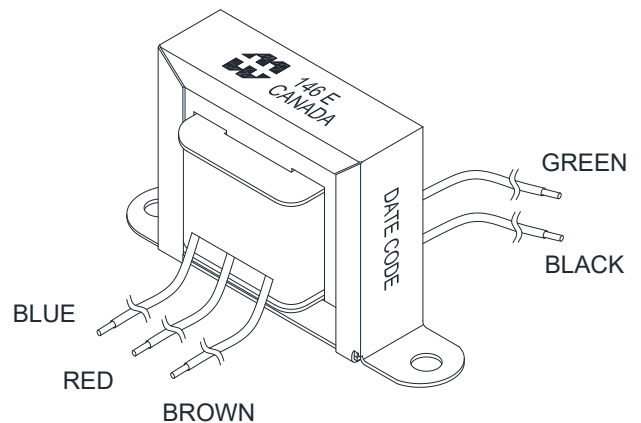
Note: When operating at impedances below nominal, power capability and the frequency spectrum are proportionately lower, conversely, at higher impedances power capability and frequency spectrum will be proportionately higher.

SCHEMATIC

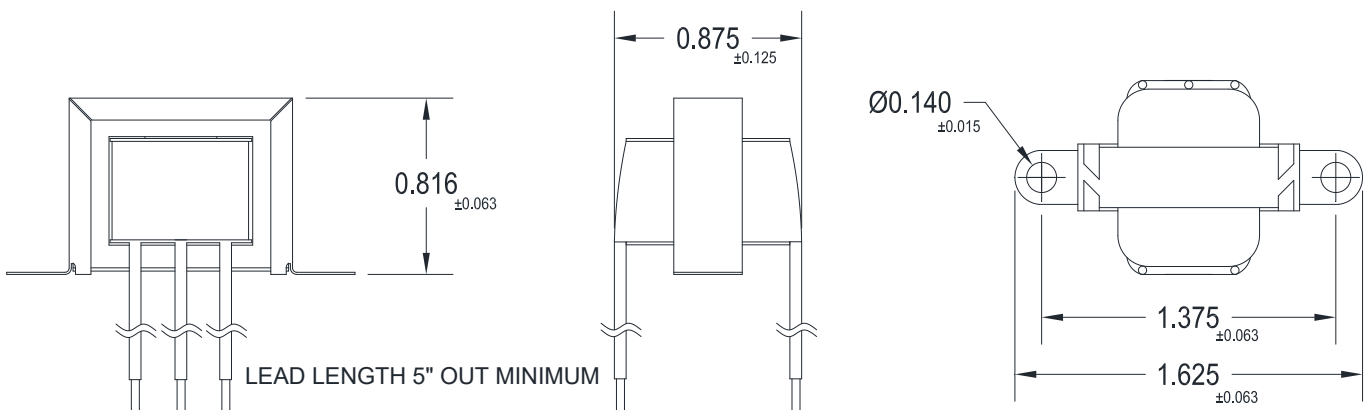


ELECTRICAL SPECIFICATIONS

Characteristics	Typical
Input Impedance	100 Ohms CT
Output Impedance	8 Ohms
Output Power	700 mW
DCR Blue-Brown	5.00 Ohms
DCR Black-Green	0.600 Ohms
Dielectric Strength	100V RMS
Temperature Range	-40 to 105 degC
Inductance Impedance	
@ 150 Hz, 5.0 V OC	
Blue-Brown	488.8mH 614.2 Ohms
Leakage Inductance	
@ 150 Hz, 5.0 V SC	
Blue-Brown	635uH



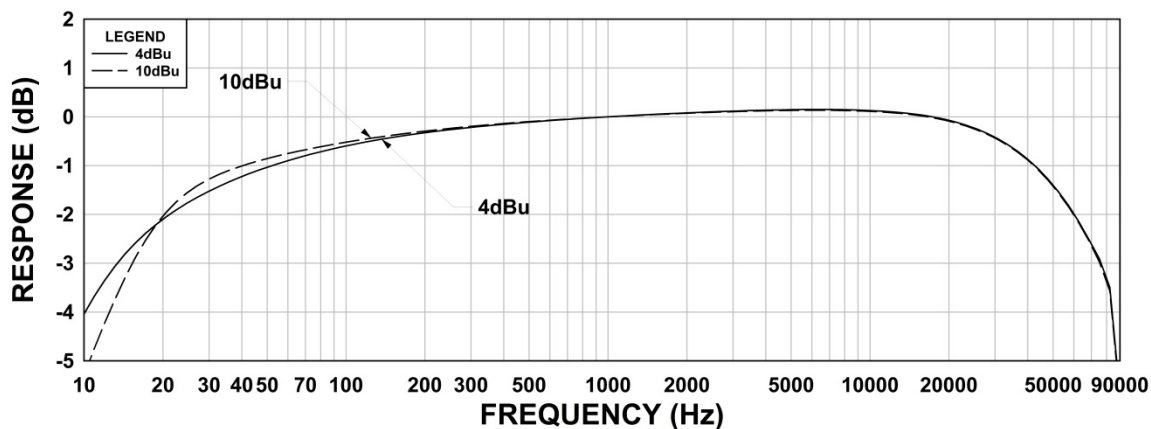
DIMENSIONAL DETAILS:



PERFORMANCE GRAPHS:

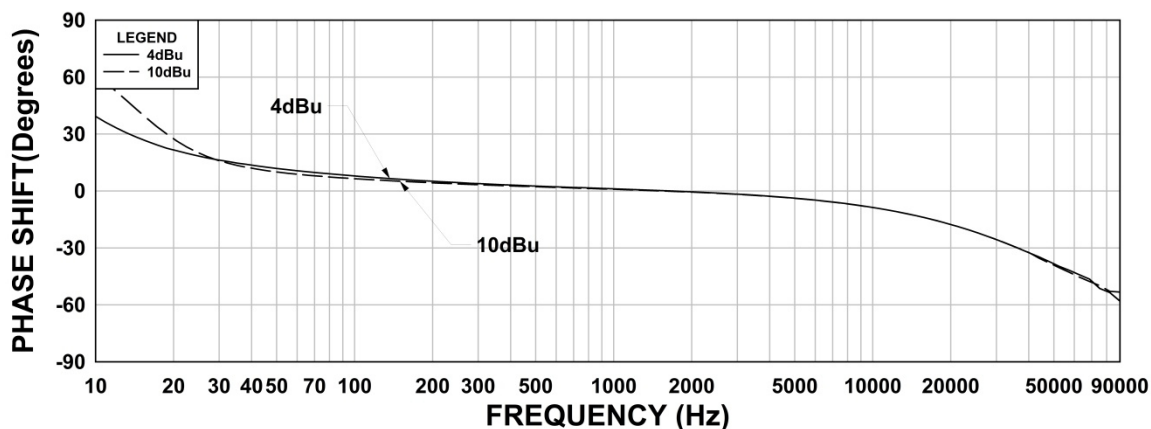
146E Frequency Response

RS = 100 Ohms RL = 8 Ohms @ 1KHz Reference



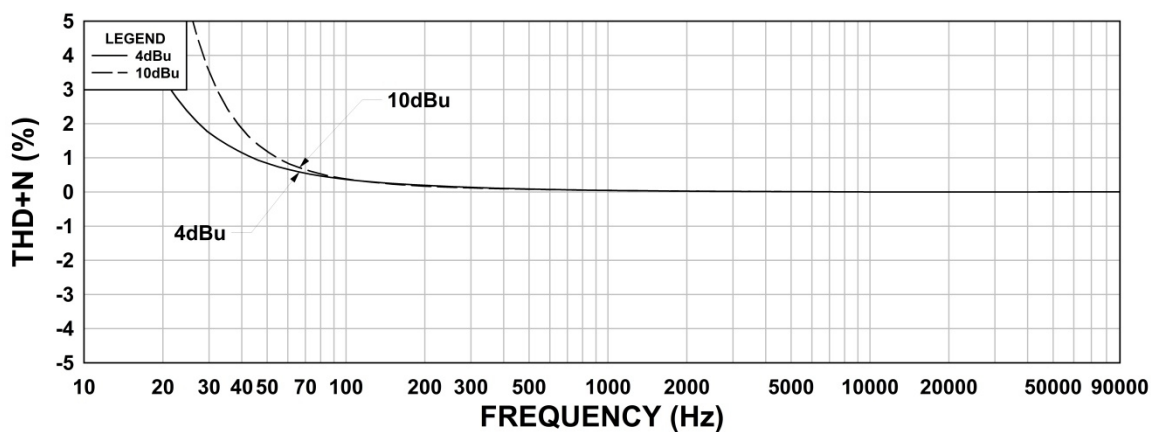
146E Phase Shift

RS = 100 Ohms RL = 8 Ohms @ 1KHz Reference



146E THD+N

RS = 100 Ohms RL = 8 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

