

146 Series

Chassis Mount Audio Transformers

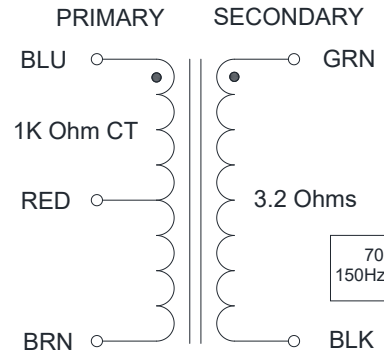
146J

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.

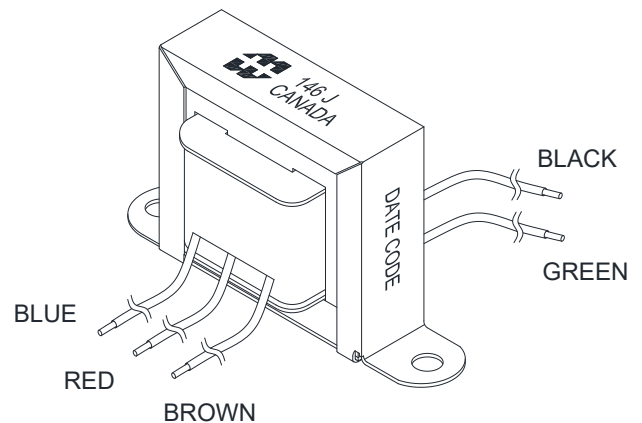
Note: When operating at impedances below nominal, power capability and the frequency spectrum are proportionately lower, conversely, at higher impedances power capability and frequency spectrum will be proportionately higher.

SCHEMATIC

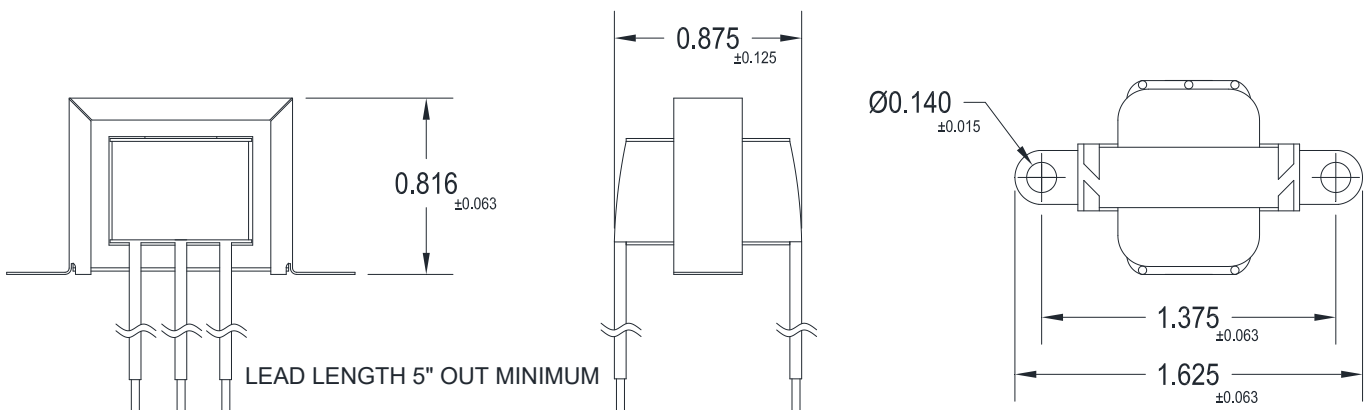


ELECTRICAL SPECIFICATIONS

Characteristics	Typical	
Input Impedance	1K Ohms CT	
Output Impedance	3.2 Ohms	
Output Power	700 mW	
DCR Blue-Brown	56.00 Ohms	
DCR Black-Green	0.300 Ohms	
Dielectric Strength	500V RMS	
Temperature Range	-40 to 105 degC	
Inductance Impedance	@ 150 Hz, 5.0 V OC	
Blue-Brown	4.466H	5.3K Ohms
Leakage Inductance	@ 150 Hz, 5.0 V SC	
Blue-Brown	8.19mH	



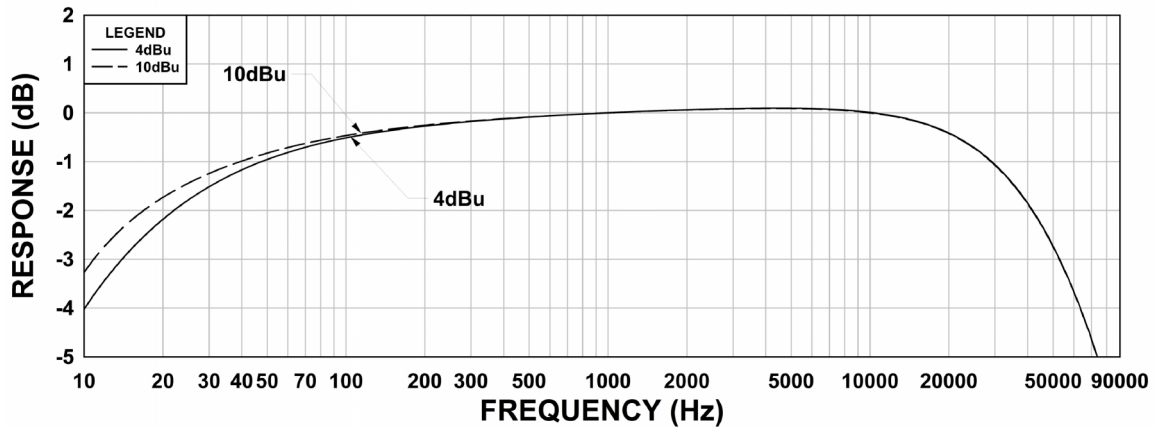
DIMENSIONAL DETAILS:



PERFORMANCE GRAPHS:

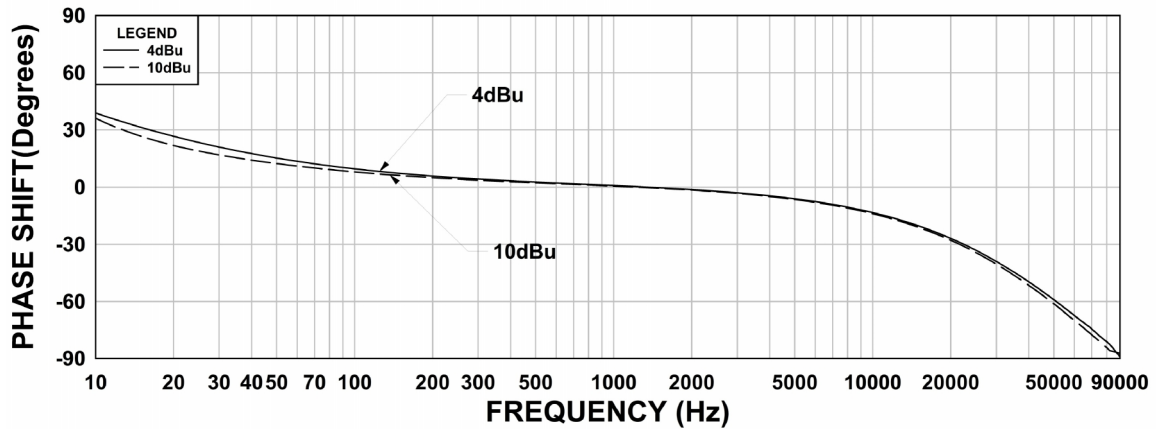
146J Frequency Response

RS = 1K Ohm RL = 3.2 Ohm @ 1KHz Reference



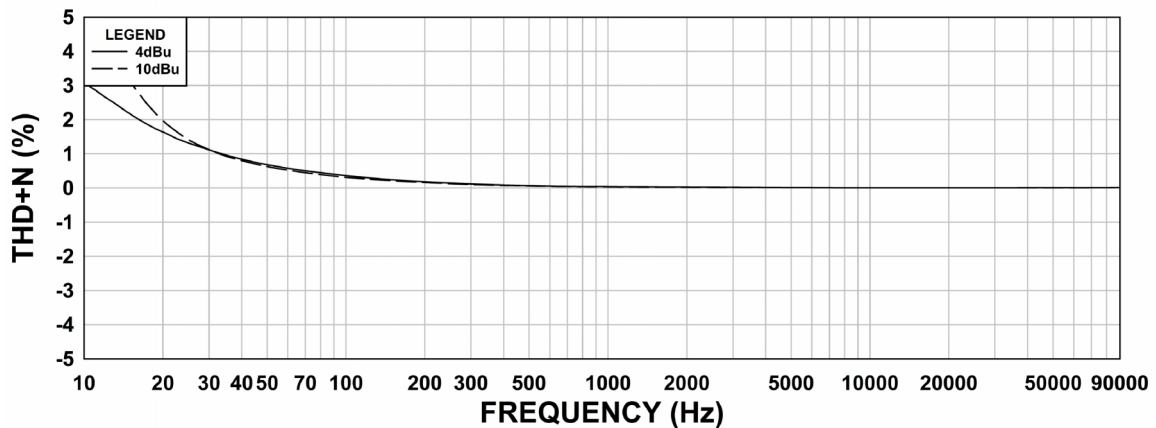
146J Phase Shift

RS = 1K Ohm RL = 3.2 Ohm @ 1KHz Reference



146J THD+N

RS = 1K Ohm RL = 3.2 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

