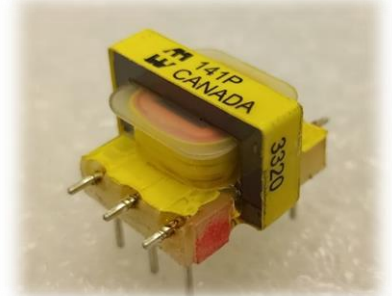


## 141 Series PCB-Mount Low Profile Audio Transformer

### 141P

#### Features:

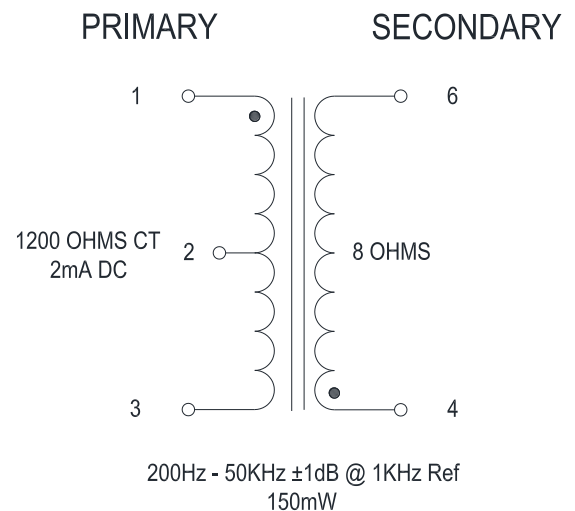
- Pin type (0.25" length & 0.035" diameter), P.C. board mount
- Low profile, open type construction
- Frequency response 200 Hz - 50 KHz.  
( $\pm 1.0$ dB, Reference @ 1 KHz.)
- Core uses high grade silicon laminations (29M6)
- Weight: 0.6 oz.



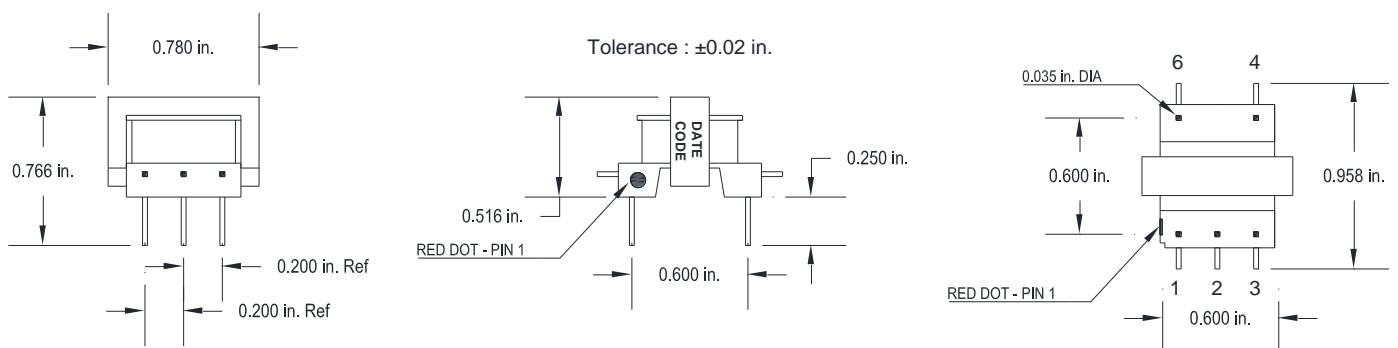
#### ELECTRICAL SPECIFICATIONS

Characteristics	Typical
Input Impedance	1200 Ohms
Output Impedance	8 Ohms
Output Power	150mW
DCR PRI Pin 1-2	30.26 Ohms $\pm 20\%$
DCR SEC Pin 2-3	29.80 Ohms $\pm 20\%$
DCR SEC Pin 4-6	0.750 Ohms $\pm 20\%$
Max. PRI DC	2mA
Dielectric Strength	250 VRMS
Temperature Class	Up to 105 degC
<b>Inductance   Impedance</b>	@ 1 KHz, 1 V OC
PRI Pin 1-3	505.50mH   4.03K Ohm
<b>Leakage Inductance</b>	@ 1 KHz, 1 V SC
PRI Pin 1-3	3.27mH

#### SCHEMATIC



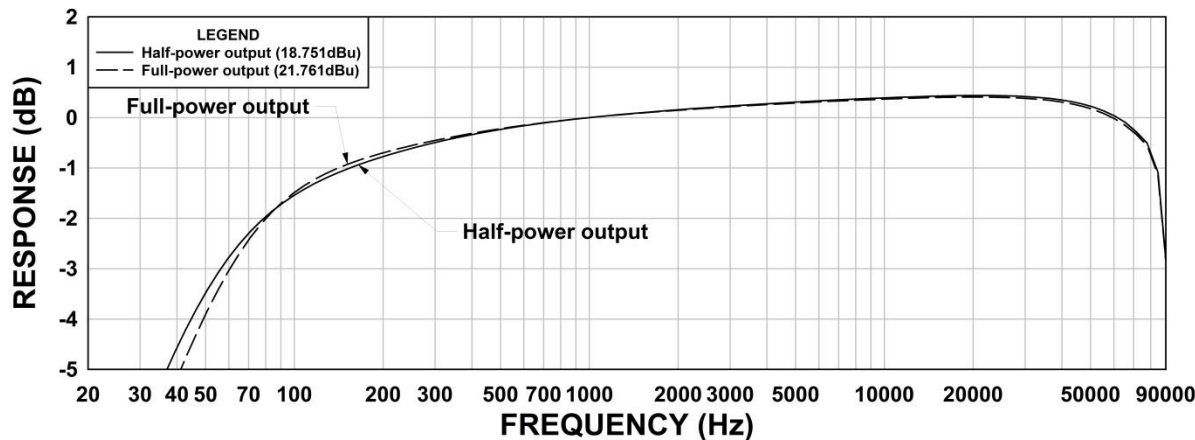
#### DIMENSIONAL DETAILS:



PERFORMANCE GRAPHS:

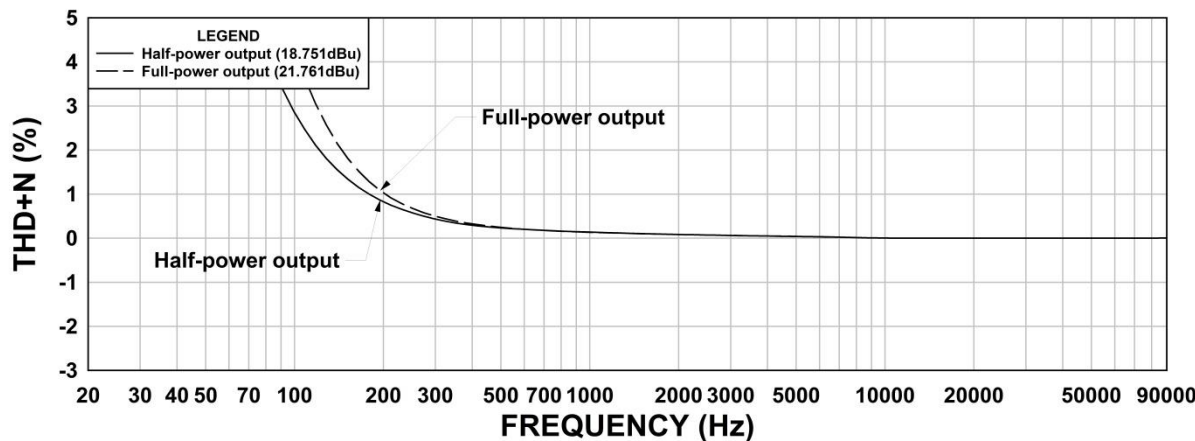
141P Frequency Response

RS = 1200 Ohm RL = 8 Ohm @ 1KHz Reference



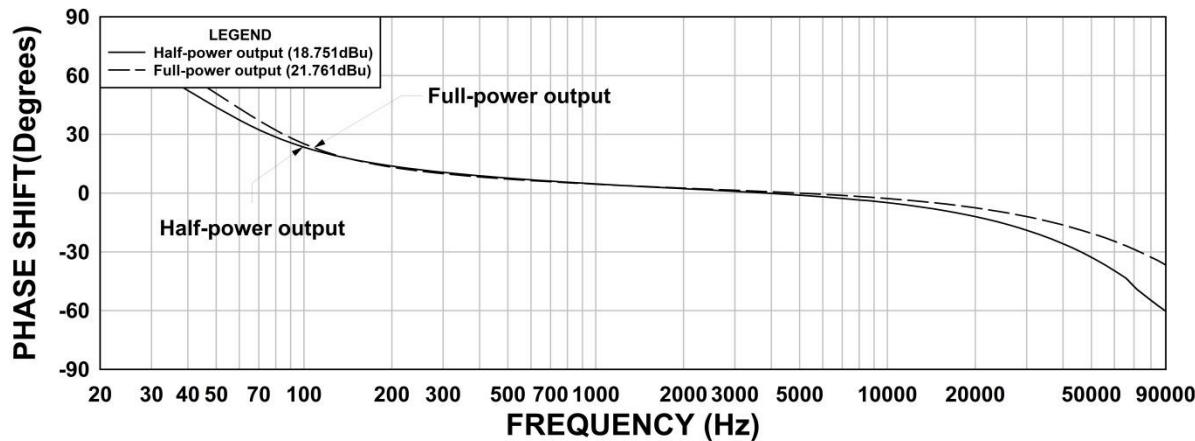
141P THD+N

RS = 1200 Ohm RL = 8 Ohm @ 1KHz Reference



141P Phase Shift

RS = 1200 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

