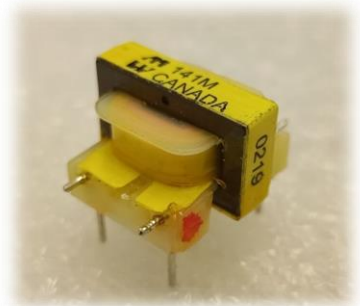


141 Series PCB-Mount Low Profile Audio Transformer

141M

Features:

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



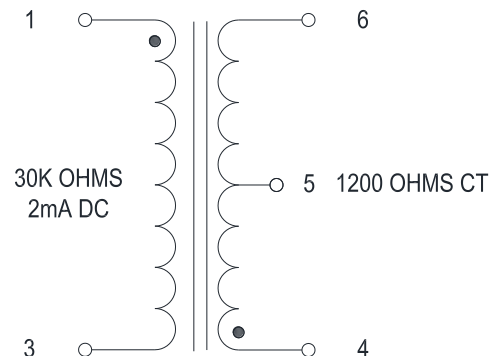
ELECTRICAL SPECIFICATIONS

Characteristics	Typical
Input Impedance	30K Ohms
Output Impedance	1200 Ohms
Output Power	100mW
DCR PRI Pin 1-3	1.604K Ohms $\pm 20\%$
DCR SEC Pin 4-5	56.77 Ohms $\pm 20\%$
DCR SEC Pin 5-6	55.10 Ohms $\pm 20\%$
Max. PRI DC	2mA
Dielectric Strength	250 VRMS
Temperature Class	Up to 105 degC
Inductance Impedance	@ 1 KHz, 1 V OC
PRI Pin 1-3	11.75H 51.5K Ohm
Leakage Inductance	@ 1 KHz, 1 V SC
PRI Pin 1-3	109.50mH

SCHEMATIC

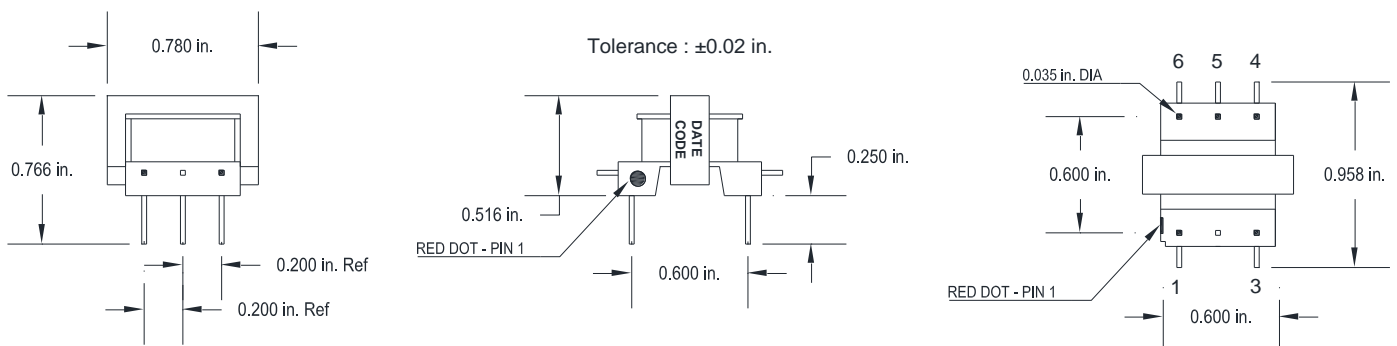
PRIMARY

SECONDARY

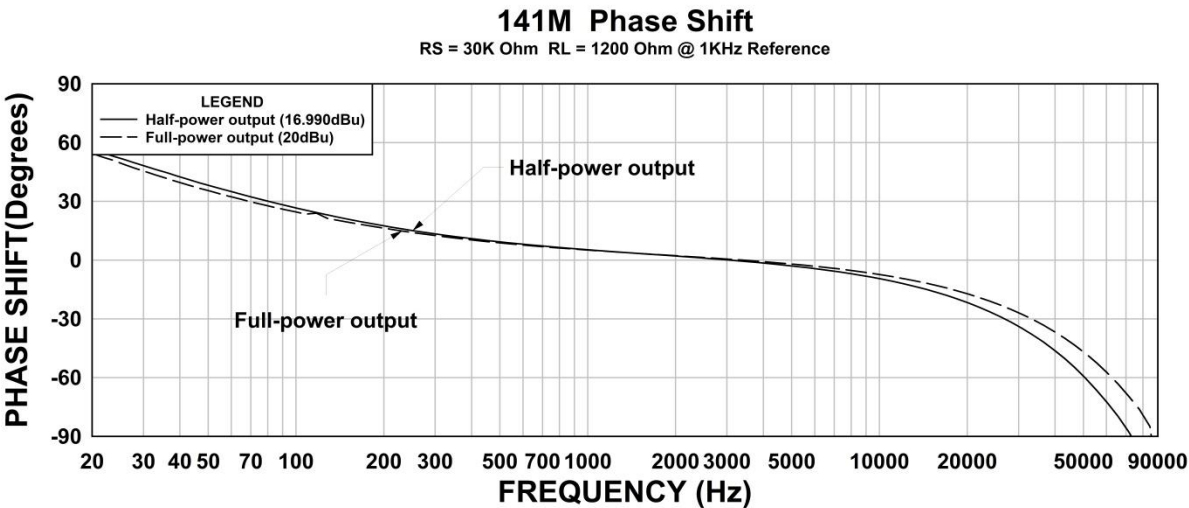
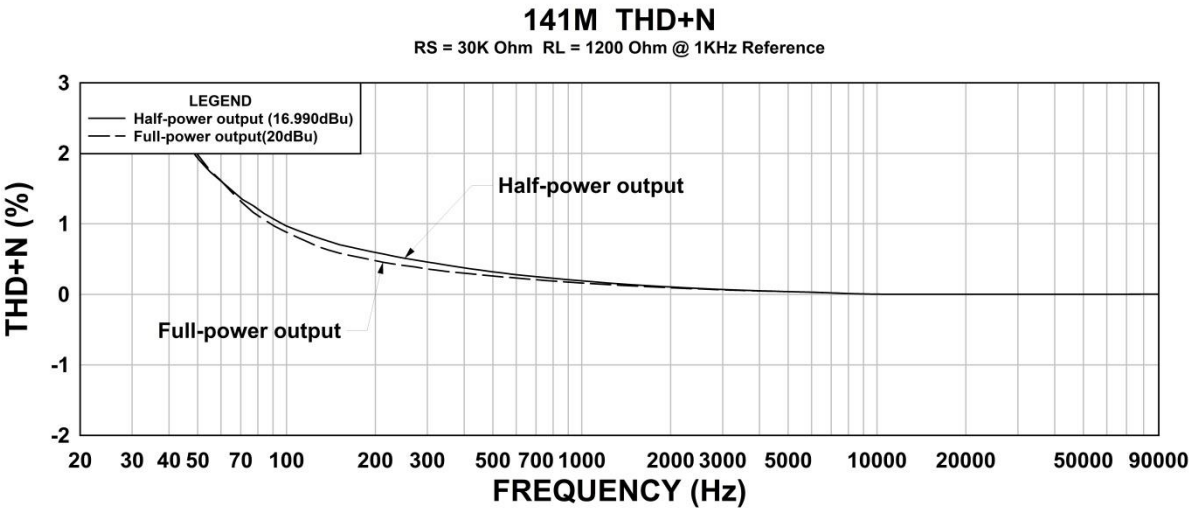
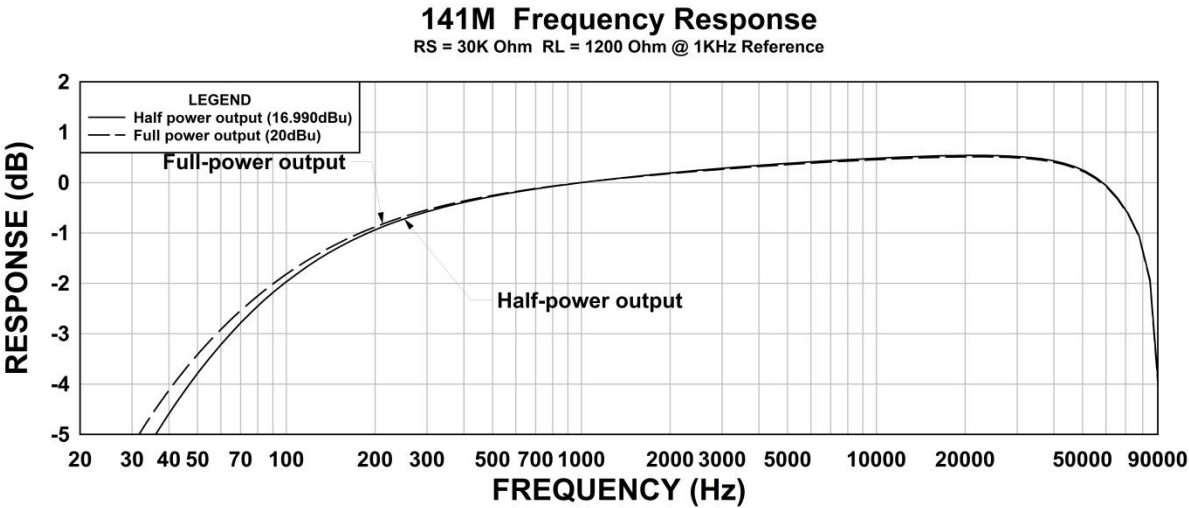


200Hz - 50KHz ± 1 dB @ 1KHz Ref
100mW

DIMENSIONAL DETAILS:



PERFORMANCE GRAPHS:



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

