Hammond Mfg. Co. Ltd., Electronics Division
www.hammfg.com

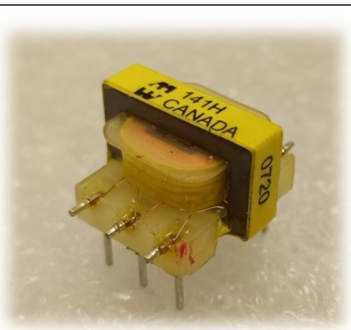
HAMMOND MANUFACTURING T.M.

141 Series — PCB-Mount Low Profile Audio Transformer

141H

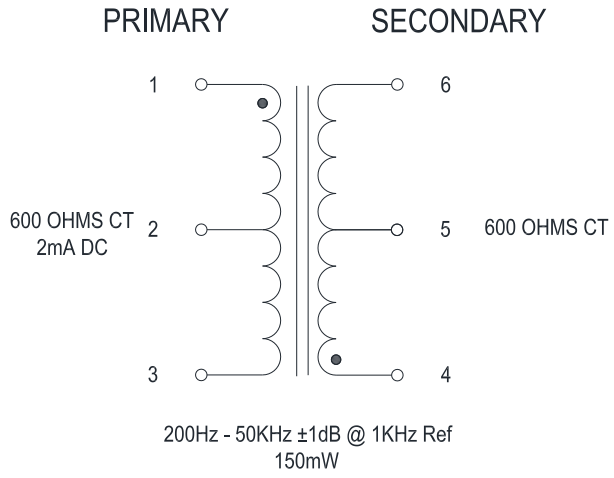
Features:

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

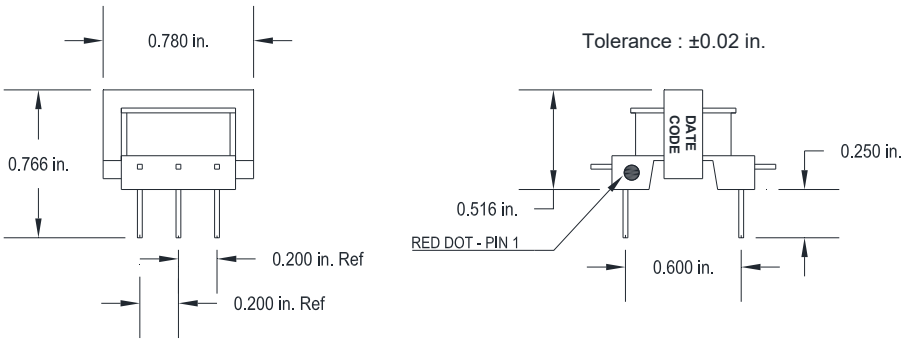


ELECTRICAL SPECIFICATIONS		
Characteristics	**Typical**	
Input Impedance	600 Ohms	
Output Impedance	600 Ohms	
Output Power	150mW	
DCR PRI Pin 1-2	15.54 Ohms ±20%	
DCR PRI Pin 2-3	15.08 Ohms ±20%	
DCR SEC Pin 4-5	19.35 Ohms ±20%	
DCR SEC Pin 5-6	18.90 Ohms ±20%	
Max. PRI DC	2mA	
Dielectric Strength	250 VRMS	
Temperature Class	Up to 105 degC	
Inductance | Impedance	@ 1 KHz, 1 V OC	
PRI Pin 1-3	252.10mH	2.05K Ohm
Leakage Inductance	@ 1 KHz, 1 V SC	
PRI Pin 1-3	1.48mH	

SCHEMATIC

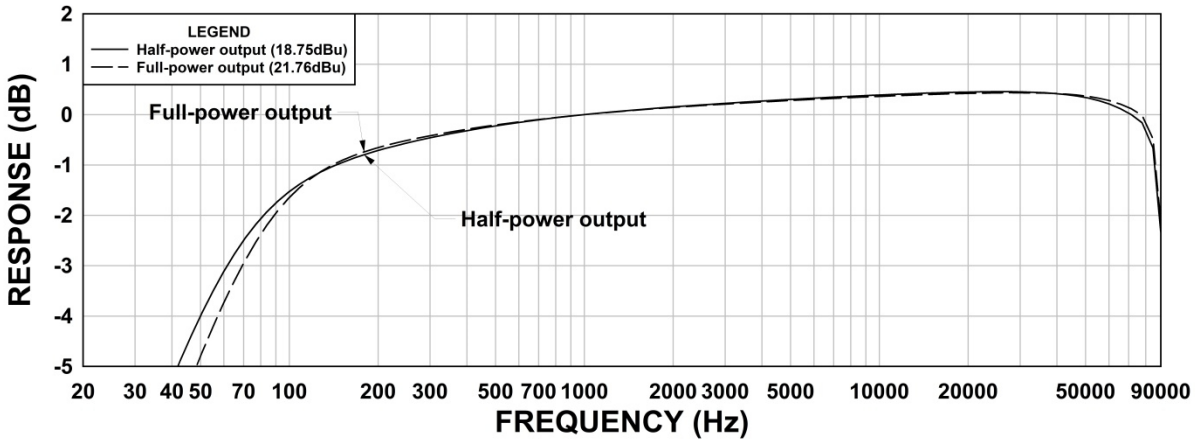


DIMENSIONAL DETAILS:

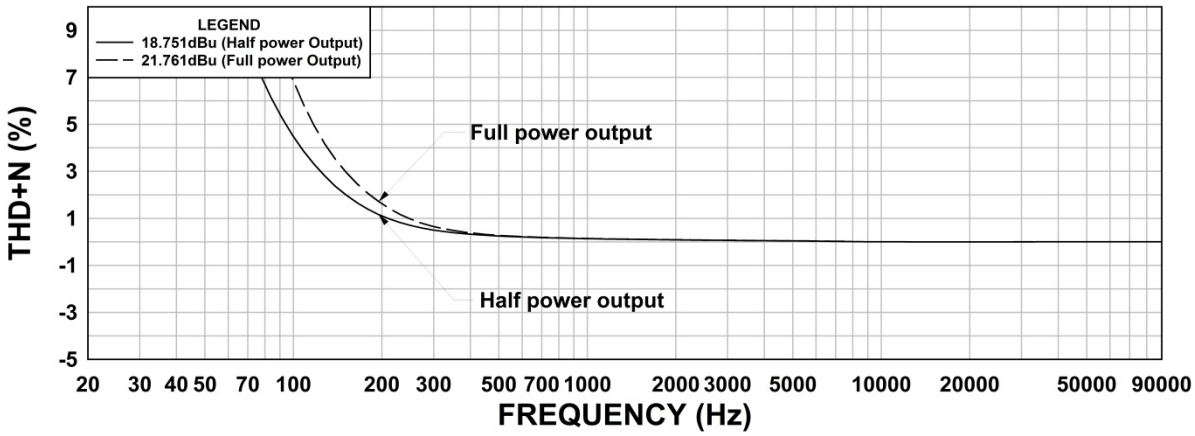


PERFORMANCE GRAPHS:

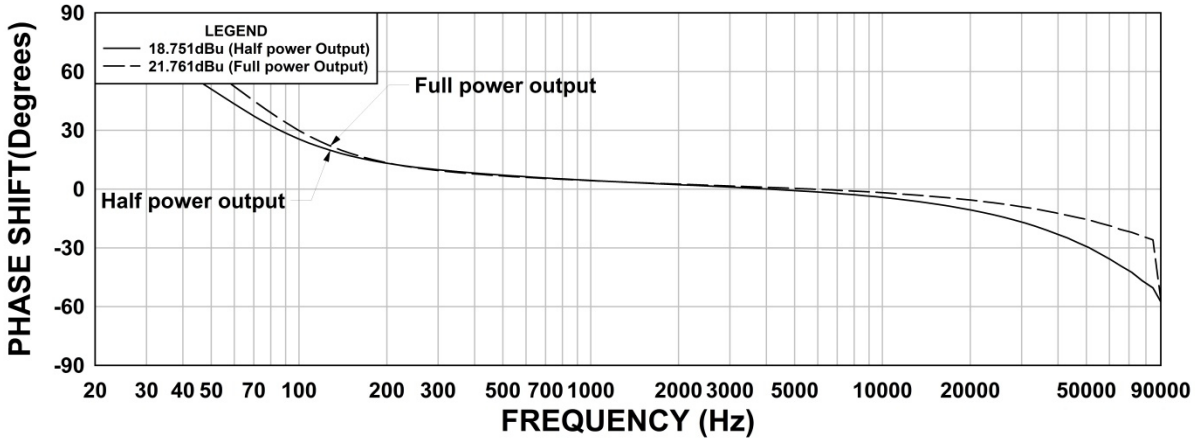
141H Frequency Response
RS = 600 Ohm RL = 600 Ohm @ 1KHz Reference



141H THD+N
RS = 600 Ohm RL = 600 Ohm @ 1KHz Reference



141H Phase Shift
RS = 600 Ohm RL = 600 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