



101 Series

PCB Mount Potted Audio

101D

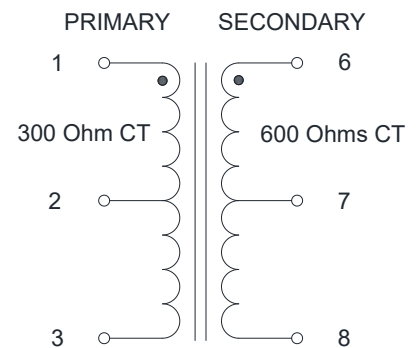
Features:

- Pin type, miniature size, P.C. board mount,
- Rugged potted construction produces a completely sealed unit withstanding severe environmental conditions.
- Secondary may be used as primary and primary as secondary.
- Power level: 100 mW ± 0.5 dB @ frequency range 300 Hz. to 100 KHz
 - Frequency range @ +10 dBm is 200 Hz. to 100 KHz. ± 0.5 dB
 - Frequency range @ +15 dBm is 200 Hz. to 100 KHz. ± 0.5 dB
 - Frequency range @ +20 dBm is 300 Hz. to 100 KHz. ± 0.5 dB
- *Frequency measurements above with no D.C. current saturation.
- Weight: 0.1 oz.

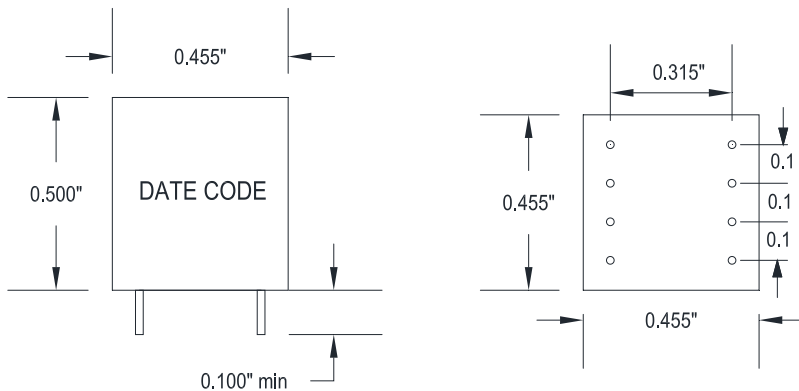
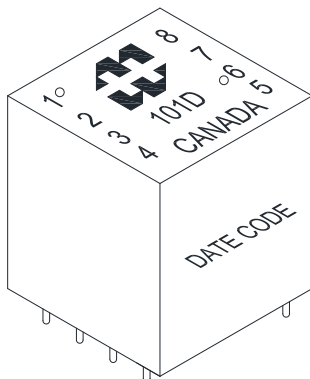
ELECTRICAL SPECIFICATIONS

Characteristics	Typical	
PRI Impedance	300 Ohms CT	
SEC Impedance	600 Ohms CT	
Output Power	20dBm (100mW)	
DCR Pin 1-3	20.4 Ohms $\pm 20\%$	
DCR Pin 6-8	54.0 Ohms $\pm 20\%$	
Dielectric Strength	100V RMS	
Temperature class	105°C	
PRI Inductance Impedance	1V @ 1KHz OC	
BLK&BRN joined – WHT&ORG joined	13.15H	109K Ohms
BLK – ORG (WHT&BRN joined)	44.0H	290K Ohms
PRI Leakage Inductance	1V @ 1KHz SC	
BLK&BRN joint – WHT&ORG joined	15.64mH	
BLK – ORG (WHT&BRN joined)	63.50mH	

SCHEMATIC DIAGRAM

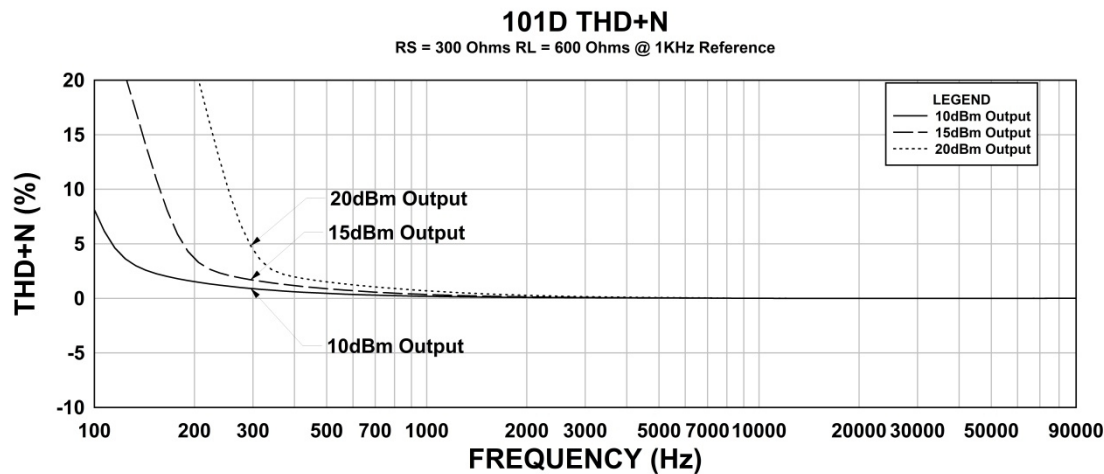
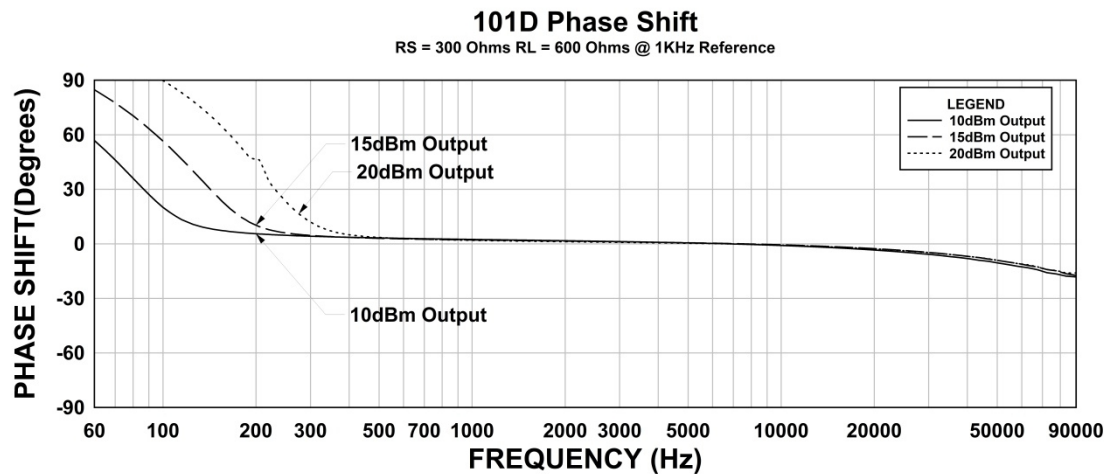
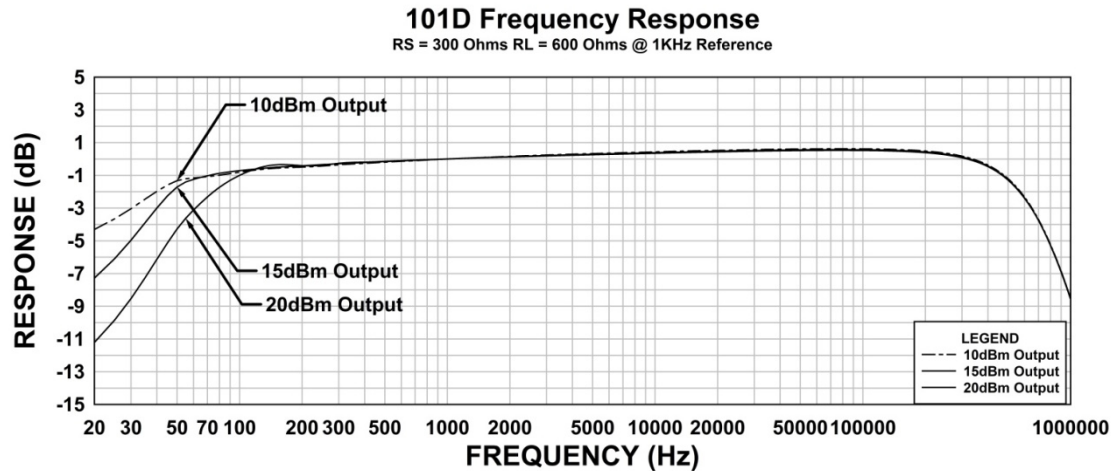


DIMENSIONAL DETAILS:



* Dimensional Tolerance: ± 0.005 "

PERFORMANCE GRAPHS:



MEASUREMENT INSTRUMENTS

- dScope Series III Audio Analyzer (THD+N & Phase Shift Graphs; frequency range maximum @ 90KHz)
- Wayne Kerr 3255B with a 3265B Inductance Analyzer
- Voltech AT5600 Wound Component Tester (Frequency Response Graph)
- HP 4192a LF Impedance Analyzer
- Keithley 2010 DVM

**The results are typical and are subject to normal manufacturing and electrical tolerances.

TEST CONDITIONS

