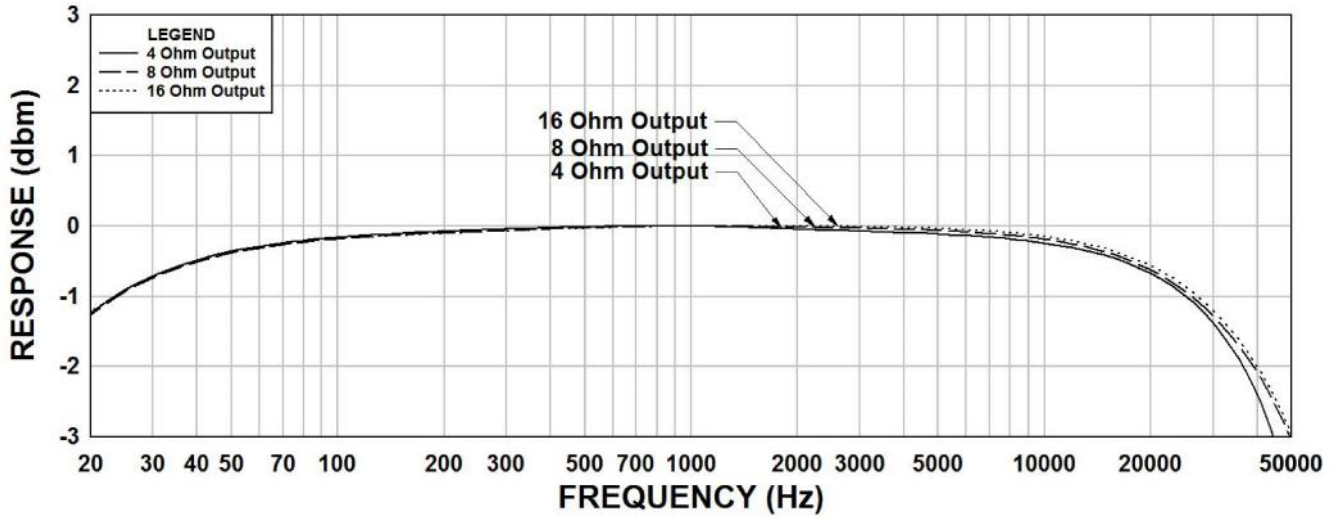


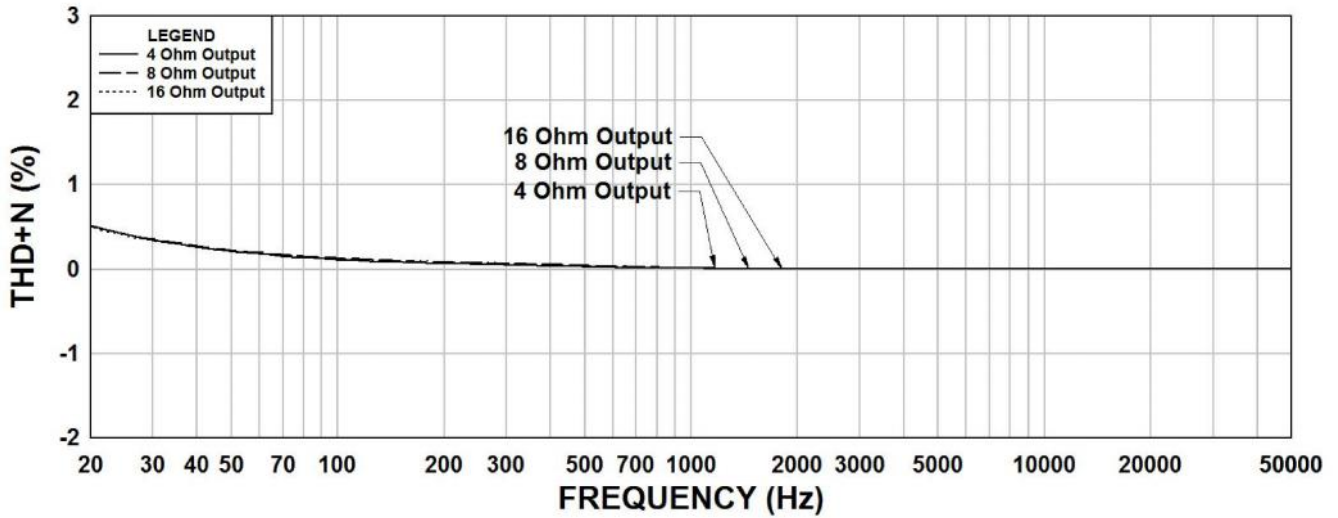




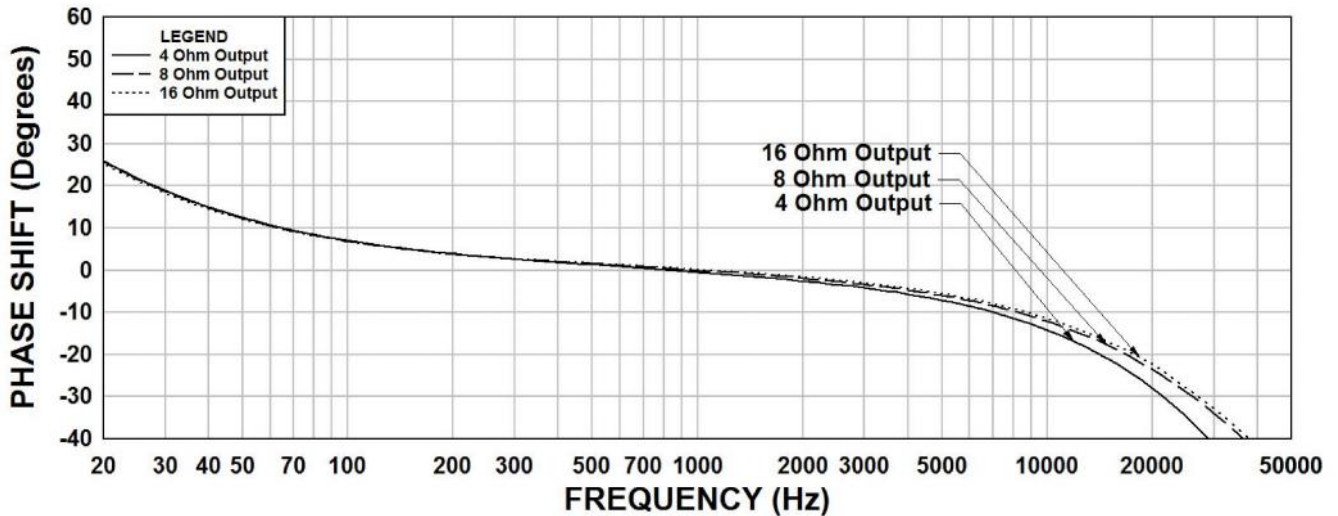
**1638SEA Frequency Response  $R_s = 10K$  Ohms**



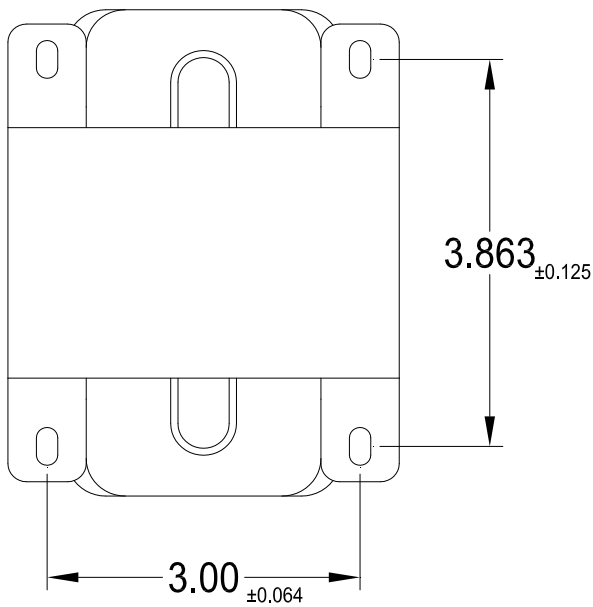
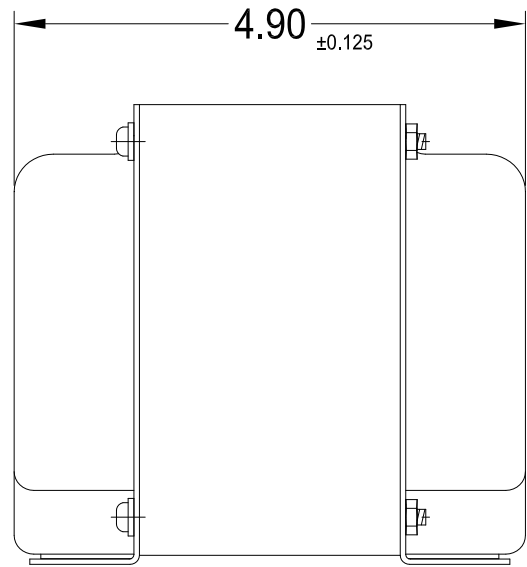
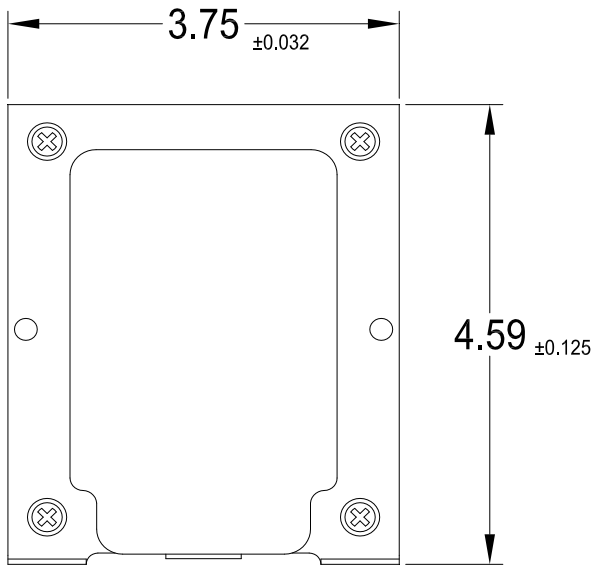
**1638SEA THD+N  $R_s = 10K$  Ohms**



**1638SEA Phase Shift  $R_s = 10K$  Ohms**



**Dimensional Details:**

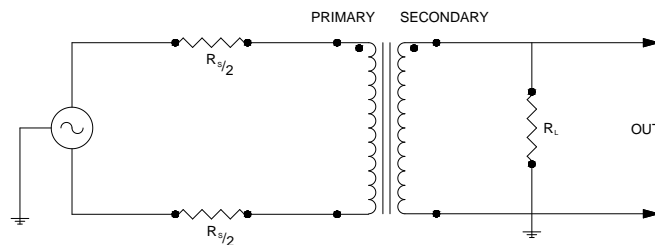


**Label:**

	HAMMOND MANUFACTURING.	<b>1638SEA</b>
		Audio Transformer
30WATTS 20 - 20KHz		
PRIMARY 10KOhms		
SECONDARY 4 Ohms/8Ohms/16Ohms		
SCREEN TAP 40% OF PRI VOLTS		
Made In Canada		DATE

TYPICAL TEST CIRCUIT

Measurement instruments  
 Hp4192a impedance analyzer  
 Hp3456a DVM  
 Keithley 2002 DVM  
 D scope series iii audio analyzer  
 Wayne Kerr 3255B with a 3265B



\* All graphs input level 20dbu.  
 \*\* The results are typical and are subject to normal manufacturing and electrical tolerances.