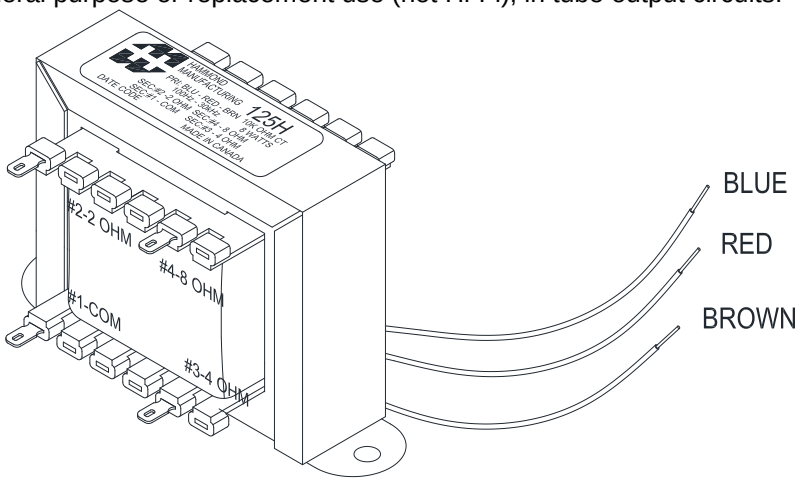
Hammond Mfg. Co. Ltd., Electronics Division

www.hammondmfg.com

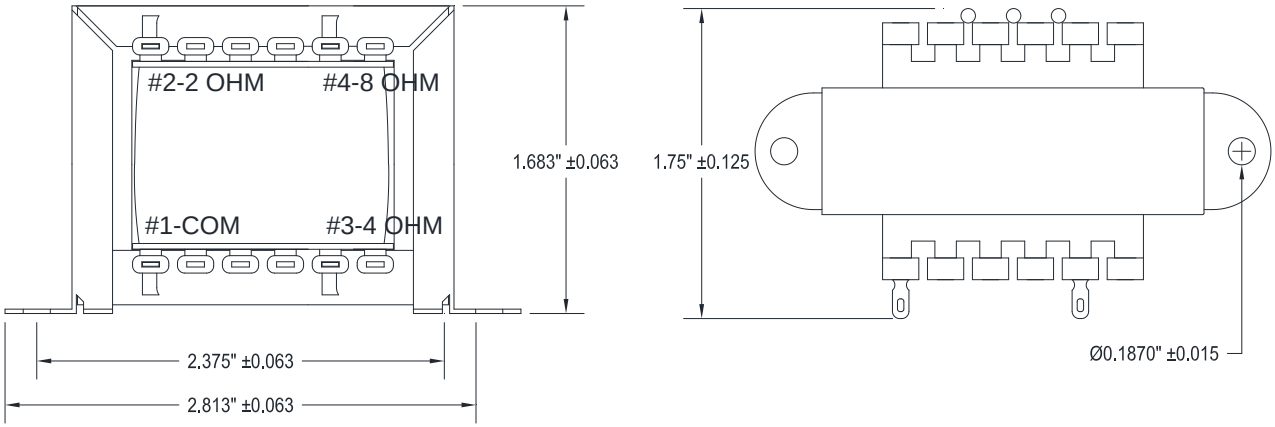
125H

UNIVERSAL PUSH-PULL “CLASSIC” TUBE OUTPUT TRANSFORMER

- Designed for general purpose or replacement use in push-pull tube output circuits.
- For single ended use, see our 125SE Series.
- Frequency response: 150 Hz. - 15 Khz at full rated power (+/- 1db max. ref. 1 Khz) also see graphs for more detailed response data
- Open style with minimum 5" long primary leads.
- Secondary solder lugs for convenient secondary connections.
- Primary impedances 10,000. (For the full range of impedances see 125A to 125E)
- Secondary impedances 2/4/8 Ohms.
- Designed for general purpose or replacement use (not Hi-Fi), in tube output circuits.



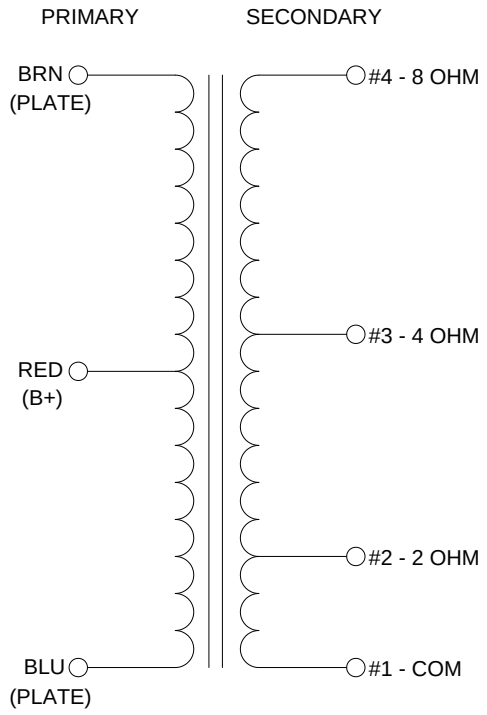
ALL LEADS MIN. 6" OUT



ELECTRICAL SPECIFICATIONS**

Characteristic	Typical
Input Impedance	10000 ϑ
Output Impedance	2/4/8 ϑ
Output Power	8 Watts
Primary - DCR	
Blue – Brown	194 ϑ
Secondary DCR	
COM – 2ϑ	117 mϑ
COM – 4ϑ	178 mϑ
COM – 8ϑ	263 mϑ
Inductance	@ 1.0 kHz, 1.0 V OC
Primary – Blue – Brown	3.63 Hy
COM – 2ϑ	0.65 mH
COM – 4ϑ	2.56 mH
COM – 8ϑ	5.56 mH
Impedance	@ 1.0 kHz, 1.0 V OC
Primary – Blue – Brown	21.0 Kϑ
COM – 2ϑ	5.30 ϑ
COM – 4ϑ	11.7 ϑ
COM – 8ϑ	24.5 ϑ
Frequency Response	See graphs for specific response, Typ. ⌇ 1.0db from 150Hz to 15KHz
Dielectric Strength	1500Vrms
Temperature Range	-40 To 105⌈C

Schematic and Hook Up Data

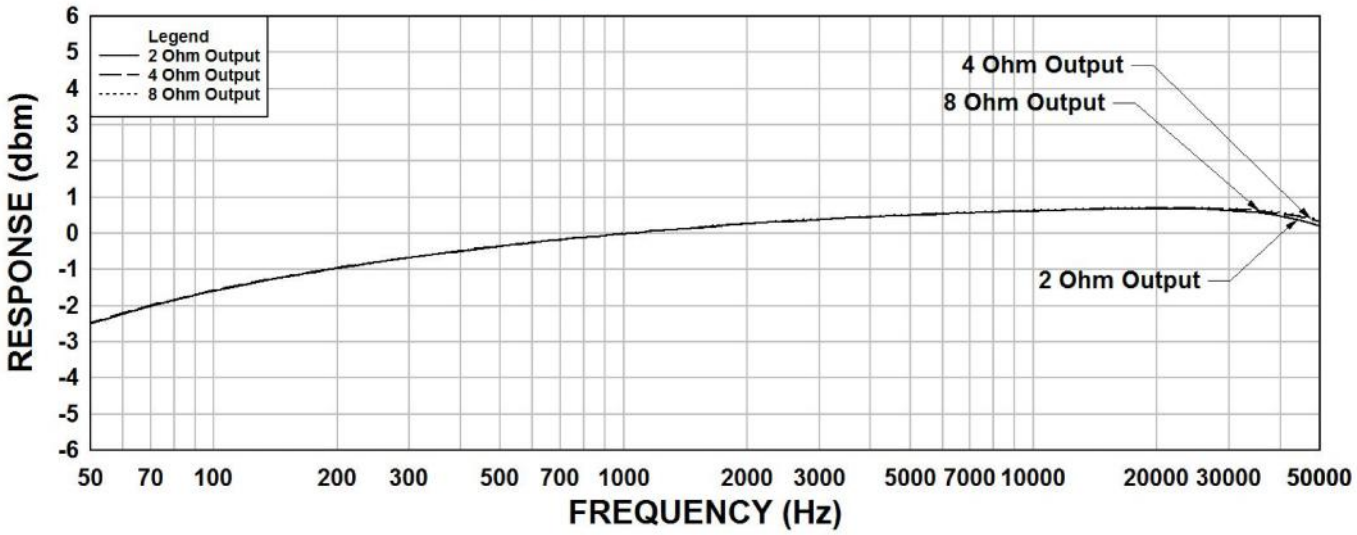


HAMMOND MANUFACTURING™ 125H

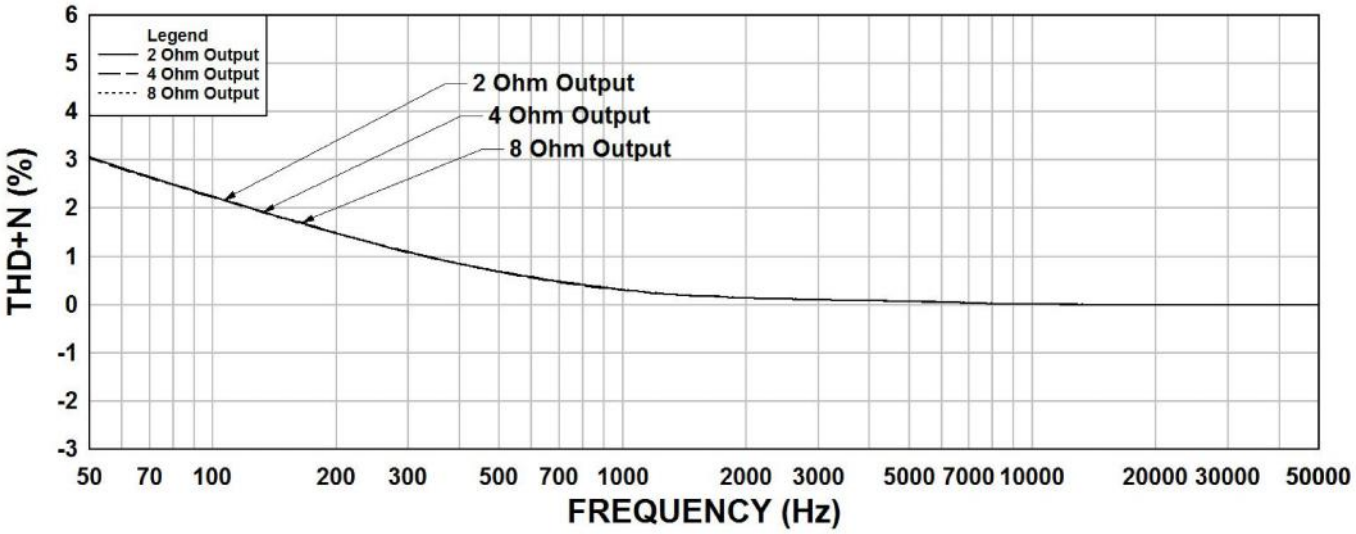
PRI: BLU - RED - BRN 10K OHM CT
100Hz - 30kHz 8 WATTS
SEC:#2 -2 OHM SEC:#4 - 8 OHM
SEC:#1 - COM SEC:#3 - 4 OHM

DATE CODE MADE IN CANADA

125H Frequency Response 10K Ohm Input

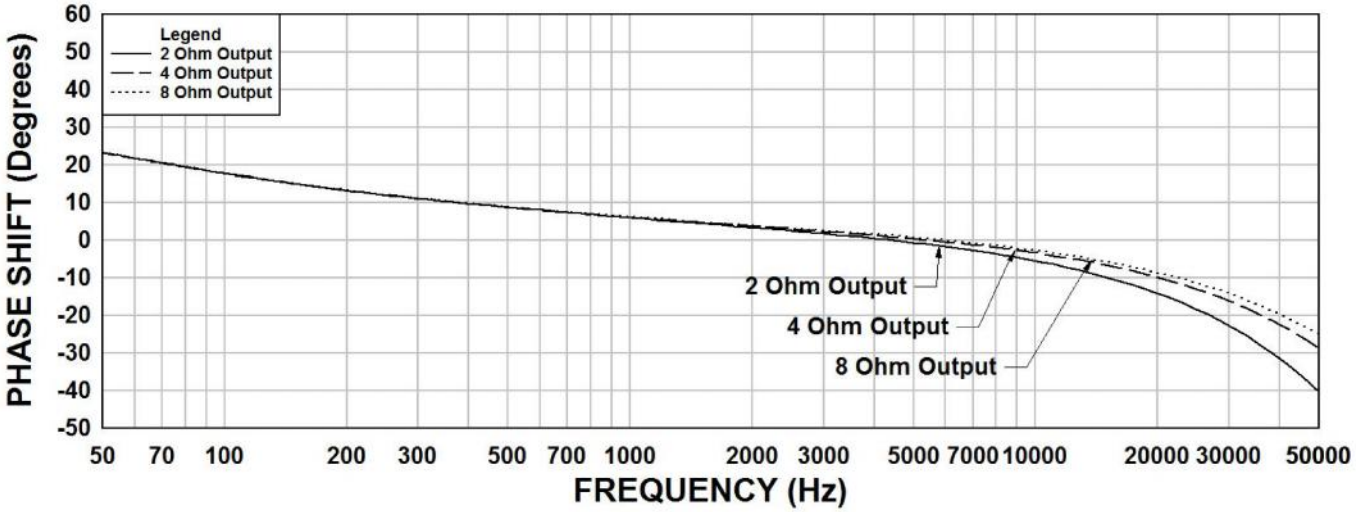


125H THD+N 10K Ohm Input

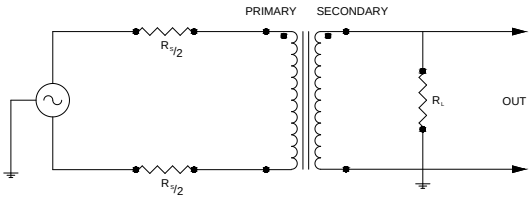


125H Phase Shift 10K Ohm Input

Phase Shift 10K to 2 ohms



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.

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