TRIAD MAGNETICS

Audio Transformer

A-61J

Description:

Triad's **A-61J** Interstage audio transformer provides the durability and precision required in today's demanding designs. **Mu-Metal case** construction for magnetic field immunity and 60 to 80 dB Hum reduction. Low level **High Fidelity** with excellent Unwanted **Noise reduction**. Uses include Inter-stage coupling as well as impedance matching of amplifiers in order to achieve maximum power

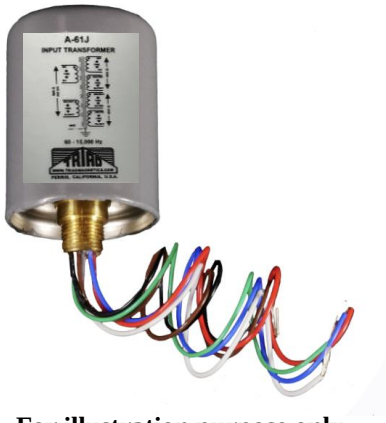
Electrical Specifications (@25C)

Power level (mW)	Inductance (H)	Impedance		DCR (Ω)		Turns Ratio	DWV
	pri	Pri	Sec	Pri	Sec		
50	7 Min	150 600	150 600	18 35	19.5 39	1.4:1:1	500V

PARAMETER	CONDITIONS	TYPICAL
Frequency Range		20 Hz – 20KHZ
Gain	1kHz, Rs = 600 Ω RL = 600Ω	-6.68 dB
Distortion (THD+N%)	1kHz, +19dBu input, Rs = 600Ω RL = 600Ω	0.028%
	1kHz, +14dBu input, Rs = 600Ω RL = 600Ω	0.02%
	1kHz, +9dBu input, Rs = 600Ω RL = 600Ω	0.023%
Max input level (60Hz)	1% THD + N%, Rs=600Ω, RL = 600Ω	+20dBu
Frequency response (1 kHz Ref.)	20 Hz, RS=600Ω, RL=600Ω	-1.44dB
	20kHz, RS=600Ω, RL=600Ω	+0.33dB
Phase Shift @ 20Hz	Reference to source generator Rs= 600Ω, RL = 600Ω	+3°
Phase shift @ 20kHz		-.07°
CMRR	60 Hz	88 dB
	1 kHz	80 dB
Temperature Rating	Operation & Storage	0°C to 70°C

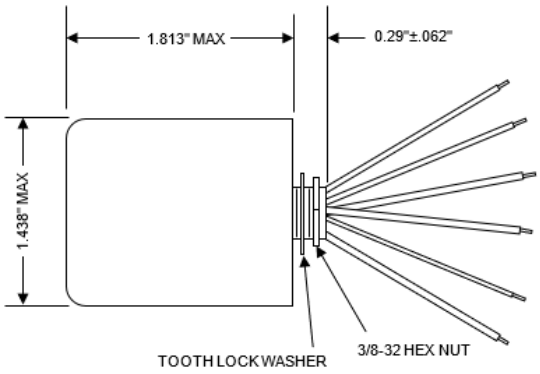
RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

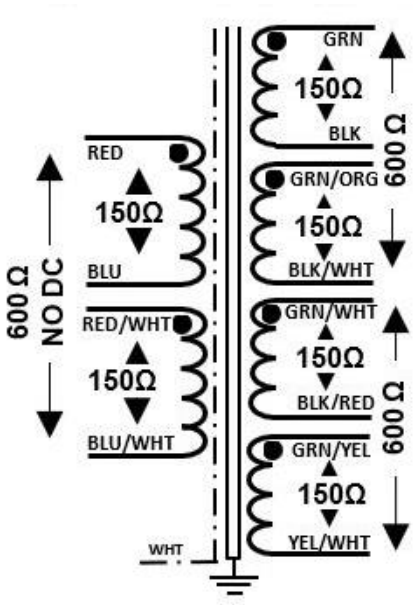
***Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics for the most current version.**



For illustration purpose only

ALL LEADS = 6.0" Min.





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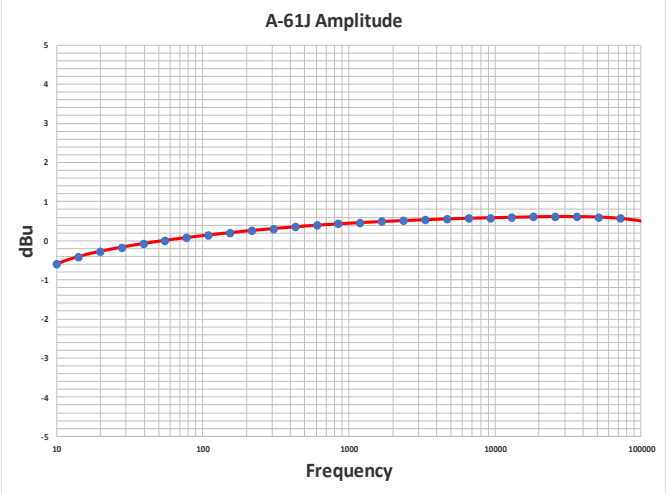

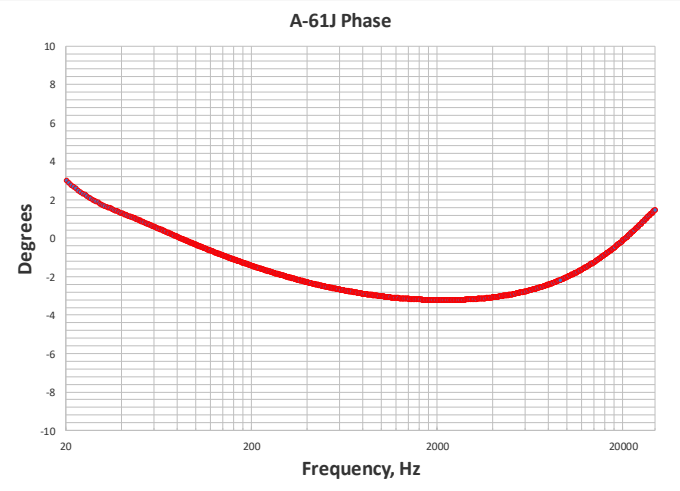

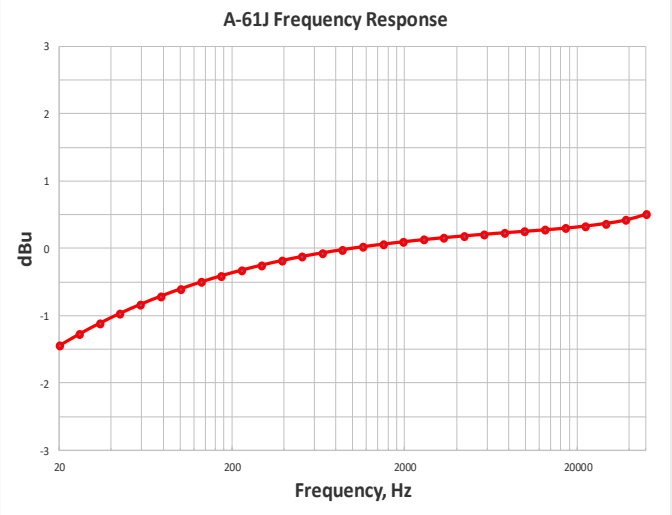

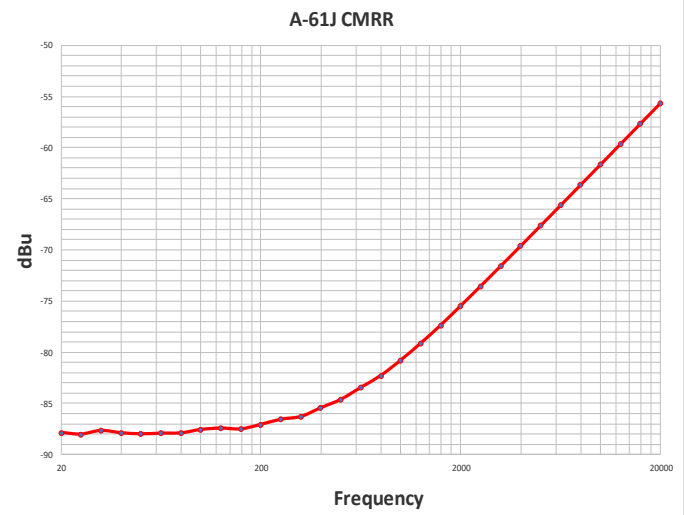

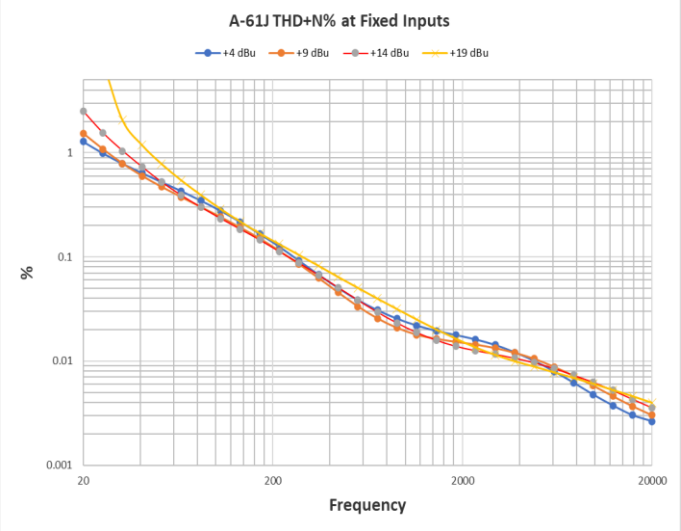

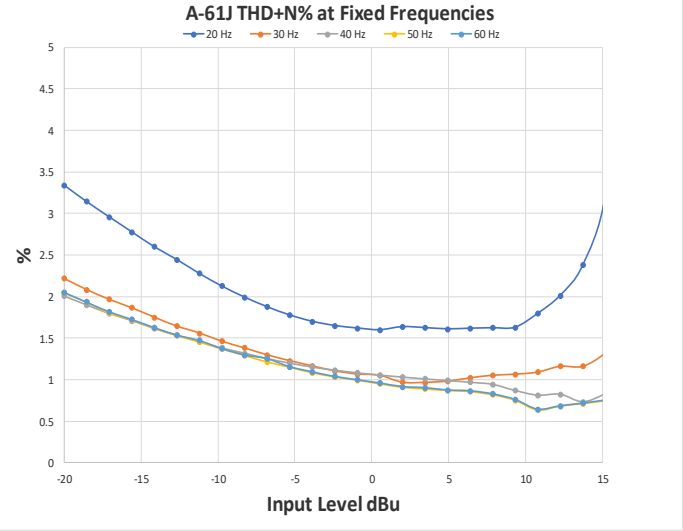

NOTE: Graph data was taken on a random sample using an Audio Precision Model APX555 Audio Analyzer.

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