

### MET-42-T

#### Description:

Triad's high reliability audio transformers provide the durability and precision required in today's demanding designs. These transformers are available for a wide variety of applications.

#### Electrical Specifications (@20C)

Power level (mW)	Matching Impedance		Max. mA DC Unbalance in Primary	DC Resistance ( $\Omega$ )		Overall Turns Ratio
	Primary	Secondary		Primary	Secondary	
50	150 $\Omega$	12 $\Omega$	10	20	2.5	3.54:1

**Operating Temperature:** -20C° to 85C°

**Storage Temperature:** -55C° to 105C°

**Frequency Response:**  $\pm$  2.0 dB, at 300 Hz to 100K Hz (1 KHz Ref.)

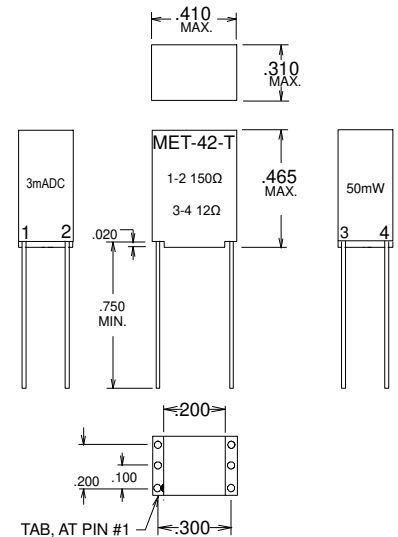
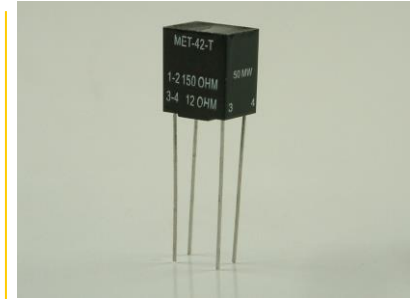
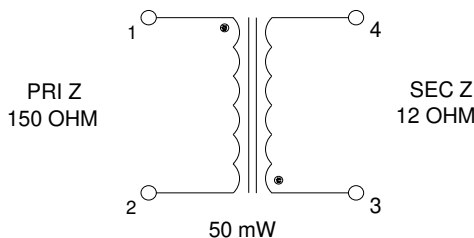
**Longitudinal Balance:** 60dB Min @ 1 KHz

**\*Max power at 300Hz**

**Pri-Sec Hipot test (Pri-Sec):** 500 VRMS for 30 sec.

#### Construction:

Plug-in terminals are precision spaced to provide fixed mounting centers. Epoxy molded case includes a .020" recess for ease of solder inspection. Leads are Tin plated 0.020" in diameter.



**RoHS Compliance:** As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

\*Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics website for the most current version. For soldering and washing information please see <http://www.triadmagnetics.com/faq.html>