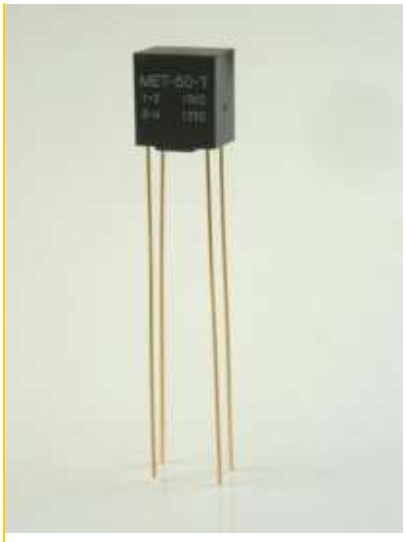
TRIAD MAGNETICS

Data/Voice Coupling
Miniature Encapsulated Transformer

# MET-50-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 (Ω) | | Overall Turns Ratio |
|---|---|---|---|---|---|---|
| | Primary | Secondary | | Primary | Secondary | |
| 10 | 10K Ω | 125Ω | 0 | 1100 | 28 | 8.62:1.0 |

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

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

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

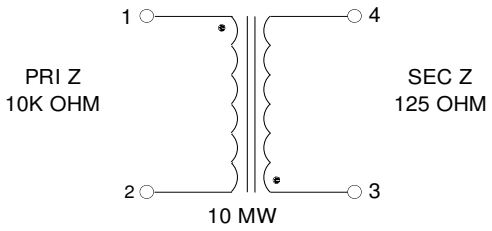
**Longitudinal Balance:** 60dB Min @ 1 KHz

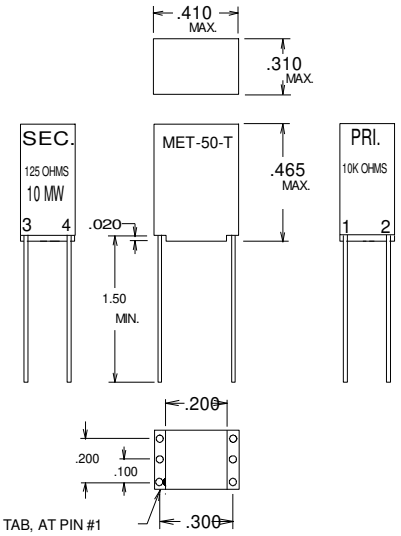
***Max power at 300Hz**

**Pri-Sec Hipot test (Pri-Sec):** 500 VRMS for 60 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 made of high strength Nickel alloy, gold plated and are 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


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