## TR][AD

## Data/Voice Coupling Miniature Encapsulated Transformer

## MET-01-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 | Matching Impedance | Max. Ma DC | DC Resistance ( $\Omega$ ) | Overall |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| level <br> $(\mathbf{m W})$ | Primary | Secondary | Unbalance <br> in Primary | Primary | Secondary | Turns <br> Ratio |
| $* 10$ | $200 \mathrm{~K} \Omega \mathrm{CT}$ | $1 \mathrm{~K} \Omega \mathrm{CT}$ | 0 | 5300 | 120 | $14.1: 1$ |

Operating Temperature: $-20 \mathrm{C}^{\circ}$ to $85 \mathrm{C}^{\circ}$
Storage Temperature: $-55 \mathrm{C}^{\circ}$ to $105 \mathrm{C}^{\circ}$
Frequency Response: $\pm 2.0 \mathrm{DB}$, at 300 Hz to 100 K Hz ( 1 KHz Ref.)
Longitudinal Balance: 60dB Min @ 1 KHz

## *Max power at 300 Hz

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

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