

## Data/Voice Coupling Miniature Encapsulated Transformer

# **MET-39-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 (Ω)		Overall
level	Primary	Secondary	Unbalance	D.:!	Secondary	Turns
(mW)			in Primary	Primary		Ratio
50	500Ω	50Ω	3.0	55	8	3.16:1.0

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 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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